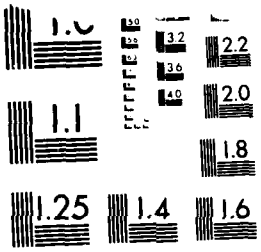
AD-A183 304 WURTSMITH AFB MICHIGAN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 12 JUN 87 1/4

UNCLASSIFIED USAFETAC/DS-87/043 F/G 4/2 NL



OPERATING LOCATION - A

USAFETAC

Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

WURTSMITH AFB MI MSC 726395
N 44 27 W 083 24 ELEV 634 FT KOSC

PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: APR 77 - MAR 87

SUMMARY OF DAY DATA: JUL 43 - OCT 45
JAN 51 - MAR 87

FEDERAL BUILDING

ASHEVILLE, N.C. 28801 - 2723

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RRRRRRRR        UU      UU       SSSSSS        SSSSSS        WW      WW        0000
RRRRRRRRR       UU      UU      SSSSSSSS      SSSSSSSS       WW      WW      00000000
RR      RR      UU      UU      SSS   SSS     SSS   SSS      WW      WW     000    000
RR      RR      UU      UU        SS   SS       SS   SS     WW      WW     00      00
RRRRRRRR        UU      UU        SS             SS         WW      WW     00      00
RRRRRRR         UU      UU         SS             SS        WW      WW     00      00
RR   RR         UU      UU      SS   SS        SS   SS     WW   W  WW     00      00
RR    RR        UU      UU      SSS   SSS     SSS   SSS    WW  WWW WW     000    000
RR     RR        UU    UU        SSSSSSSS      SSSSSSSS     WW WW WW WW     00000000
RR      RR        UUUUUU           SSSSSS        SSSSSS     WWW     WWW       0000
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STATION NAME: WURTSMITH AFB MI

STATION NUMBER: 726395

CALL ID: KOSC

PERIOD OF RECORD:

HOURS SUMMARIZED: 0000-2300 LST

HOURLY OBSERVATIONS: APR 77 - MAR 87

SUMMARY OF DAY DATA: JUL 43 - OCT 45, JAN 51 - MAR 87

TIME CONVERSION GMT TO LST: -5

DATE PRODUCED: 12 JUN 1987

OL-A/USAFETAC/MAC/AWS
ASHEVILLE NC 28801

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY DATA (DAILY OBSERVATIONS): DATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AWS FORMS 10/10A.

DESCRIPTION OF SUMMARIES: PRECEEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

TABLE OF CONTENTS

AWSMSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WMO NUMBER
726395	WURTSMITH AFB MICH/OSCODA	N 44 27	W 083 24	634	OSC	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT)	ELEVATION ABOVE MSL HT. BARO.	OBS PER DAY
1	Oscoda AAF Mich	AAF	Jul 43	Aug 43	N 44 28	W 083 24	N/A	N/A	24
2	Same	Same	Sep 43	Oct 43	Same	Same	Same	602 ft	24
3	Same	Same	Nov 43	Dec 45	Same	Same	600	Same	24
4	Same	Same	Nov 50	May 53	Same	Same	Same	Same	24
5	Wurtsmith AFB Oscoda Mich	AFB	Jun 53	Feb 54	Same	W 083 22	635	618 ft	24
6	Same	Same	Mar 54	Mar 60	Same	Same	625	Same	24
7	Same	Same	Apr 60	Mar 68	Same	Same	634	Same	24
8	Same	Same	Apr 68	Nov 76	N 44 27	W 083 24	Same	Same	24
9	Same	Same	Dec 76	Mar 87	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION: LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1	Jul 43	N/A	N/A	N/A	N/A	
2	Jun 53	Permanently mounted on top of the weather station bldg	AN/GMQ-1A	ML-204-B	30 ft	
3	Mar 54	Located on weather station roof	AN/GMQ-1	N/A	26 ft	
4	Apr 58	Same	Same	ML204-B	Same	
5	Apr 59	Located on top of control tower	Selsyn	N/A	110 ft	
6	Apr 60	Same	Same	Same	30 ft	
7	Mar 61	Located at approach end of rnwy 06 500 ft from centerline and approx 1000 ft from approach end of rnwy 06	AN/GMQ-11	RO-2	13 ft	

USAFETAC FORM NOV 75 0-19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

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PPPPPPPP        AAAAAA      RRRRRRRR      TTTTTTTTTT      AAAAAA
PPPPPPPPP      AAAAAAAA     RRRRRRRRR     TTTTTTTTTT     AAAAAAAA
PP      PP    AA      AA    RR      RR        TT        AA      AA
PP      PP    AA      AA    RR      RR        TT        AA      AA
PPPPPPPPP     AA      AA    RRRRRRRRR         TT        AA      AA
PPPPPPPP      AAAAAAAAAA    RRRRRRRR          TT        AAAAAAAAAA
PP            AAAAAAAAAA    RR    RR          TT        AAAAAAAAAA
PP            AA      AA    RR     RR         TT        AA      AA
PP            AA      AA    RR      RR        TT        AA      AA
PP            AA      AA    RR       RR       TT        AA      AA
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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS. AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE

2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/LOST TO VISION	TOTAL OBS
00-02		1.6	.8	31.1		32.2	10.8	.6	5.8		16.8	930
03-05		2.4	.8	34.9		37.1	12.9	.9	4.9		17.5	930
06-08		2.6	1.2	31.7		34.4	16.1	1.2	4.5		20.6	930
09-11		2.4	.4	31.0		32.9	17.3	4.2	5.1		25.3	930
12-14		1.8	.6	28.2		29.8	14.0	4.9	7.3		25.3	930
15-17		.8	.1	24.1		24.8	12.4	5.2	6.9		23.0	930
18-20		1.2	.8	28.4		29.6	12.0	3.2	6.9		21.3	930
21-23		1.4	.5	32.0		33.1	12.0	1.1	6.0		18.5	930
TOTALS		1.8	.7	30.2		31.7	13.4	2.7	5.9		21.0	7440

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/LOST TO VISION	TOTAL OBS
00-02		4.3	.6	23.6		28.1	18.1	1.3	1.9		21.0	846
03-05		3.7	.1	27.0		30.0	17.5	1.3	2.0		20.4	846
06-08		3.4	.5	30.0		33.2	19.9	1.7	2.2		23.3	846
09-11		5.0	.6	27.8		32.6	21.3	3.8	3.2		27.2	846
12-14		3.2	.6	27.8		30.4	15.4	6.0	3.4		23.3	846
15-17		2.2	.4	22.9		25.3	14.4	7.8	2.4		22.3	846
18-20		2.7	1.1	22.1		25.1	16.8	5.9	1.2		22.1	846
21-23		4.3	.6	24.3		28.5	18.0	1.6	.9		20.3	846
TOTALS		3.6	.6	25.7		29.2	17.7	3.7	2.2		22.5	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/<5ST TO VISION	TOTAL OBS
00-02	.2	6.5	.5	13.5		19.8	17.7	2.2	1.5		20.9	930
03-05	.1	7.1	.3	15.5		21.7	18.3	2.0	2.2		21.8	930
06-08		6.0	.6	15.6		21.6	21.8	2.3	1.6		24.9	930
09-11	.1	7.8	.6	14.6		22.3	20.3	5.5	2.0		26.7	930
12-14		7.8	.2	12.3		19.6	16.5	5.6	1.5		21.9	930
15-17		6.9	.3	10.9		17.8	14.9	8.2	1.2		22.3	930
18-20		6.4	.3	10.6		17.2	15.7	8.2	1.0		22.5	926
21-23	.4	7.9	.5	11.9		19.6	15.7	4.6	1.3		20.1	927
TOTALS	.1	7.1	.4	13.1		20.0	17.6	4.8	1.5		22.6	7435

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: APR

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/<5ST TO VISION	TOTAL OBS
00-02	.3	15.9	.2	5.4		20.4	15.3	3.2	.7		17.8	900
03-05	.3	13.5	.3	6.6		18.9	16.2	2.3	.7		18.2	900
06-08	.6	12.9	.2	7.0		16.4	19.1	3.2	.3		21.8	900
09-11	.1	10.2		5.8		15.3	13.8	4.0	.7		17.2	900
12-14	.1	10.9		3.9		13.9	12.1	4.0	.2		16.1	900
15-17	.6	13.3		3.9		15.8	11.1	5.2		.2	15.7	900
18-20	.6	12.1		4.8		16.0	14.7	6.0		.1	19.6	900
21-23	.3	13.3		6.0		16.6	14.7	4.3	.2		17.2	900
TOTALS	.4	12.8	.1	5.4		17.2	14.6	4.0	.4	.0	18.0	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	11.0		.4		11.2	16.0	4.1			19.2	930
03-05	.2	9.4				9.4	18.1	4.0			21.5	930
06-08	.5	11.8		.1		11.8	21.5	7.3			27.6	930
09-11	.4	11.3		.2		11.4	14.7	7.4			21.1	930
12-14	1.2	10.4		.2		10.5	10.4	8.7		.1	18.3	930
15-17	2.0	9.7		.2		9.9	9.8	9.6		.2	18.9	930
18-20	1.7	9.6		.3		9.9	12.4	10.8			21.4	930
21-23	.6	11.0		.4		11.3	15.7	6.0			20.5	930
TOTALS	.8	10.5		.2		10.7	14.8	7.2		.0	21.1	7440

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	1.1	6.7				6.7	14.0	6.8			18.9	900
03-05	1.4	6.9				6.9	19.1	6.2			23.0	900
06-08	.6	8.9				8.9	18.4	8.0			23.7	900
09-11	.6	6.8				6.8	11.0	8.6			16.9	900
12-14	1.6	6.1				6.1	6.1	9.7			15.7	900
15-17	2.0	7.7				7.7	6.3	10.1		.3	16.3	900
18-20	3.0	6.2				6.2	6.2	10.9		.2	16.4	900
21-23	2.0	7.2				7.2	12.1	8.3			18.8	900
TOTALS	1.6	7.3				7.3	11.7	8.6		.1	19.0	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	1.4	3.4				3.4	11.8	11.3			20.4	930
03-05	.8	3.4				3.4	17.1	11.8			25.4	930
06-08	1.3	5.3				5.3	19.7	13.3			29.5	930
09-11	.6	4.3				4.3	11.3	12.5			21.8	930
12-14	1.5	3.5				3.5	5.5	15.5		.1	19.9	930
15-17	3.9	6.1				6.1	5.2	16.0		.1	20.3	930
18-20	3.4	5.3				5.3	6.2	16.2			20.4	930
21-23	2.2	4.2				4.2	10.4	12.7			20.3	930
TOTALS	1.9	4.4				4.4	10.9	13.7		.0	22.3	7440

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	1.7	7.1				7.1	21.4	9.9			26.3	930
03-05	1.4	7.3				7.3	28.3	8.3			31.7	930
06-08	1.0	7.6				7.6	34.1	10.6			38.6	930
09-11	.2	4.2				4.2	17.7	14.8			28.2	930
12-14	1.5	7.7				7.7	8.7	17.0		.1	24.1	930
15-17	4.1	8.0				8.0	6.7	17.7			23.4	930
18-20	4.3	8.9				8.9	9.6	16.5			23.3	930
21-23	2.9	7.5				7.5	16.3	13.4			24.7	930
TOTALS	2.1	7.3				7.3	17.9	13.5		.0	27.5	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/LEST TO VISION	TOTAL OBS
00-02	1.7	11.9				11.9	20.8	6.8			24.7	900
03-05	1.6	12.0				12.0	24.9	7.0			28.2	900
06-08	1.6	12.4				12.4	33.1	9.2			35.4	900
09-11	1.1	12.3				12.3	24.8	11.3			33.3	900
12-14	.4	8.9				8.9	15.4	13.0			26.7	900
15-17	.7	10.7				10.7	13.4	14.3			27.0	900
18-20	2.1	11.4				11.4	17.9	13.2			27.9	900
21-23	1.1	10.0				10.0	18.7	8.6			25.1	900
TOTALS	1.3	11.2				11.2	21.1	10.4			28.5	7200

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/LEST TO VISION	TOTAL OBS
00-02	.2	9.7		1.8		11.1	16.3	4.4			18.6	930
03-05	.2	9.5		2.2		11.4	18.4	3.5			19.9	930
06-08	.1	10.2		1.3		11.3	24.5	3.7			26.0	930
09-11	.1	10.5				10.5	18.3	4.3			21.2	930
12-14	.2	9.9		.1		10.0	12.8	4.4			16.2	930
15-17	.5	11.1		.1	.1	11.3	11.5	6.5			16.5	930
18-20	.1	10.8		.9		11.5	11.8	5.5			15.7	930
21-23	.2	10.2		1.5		11.1	12.7	3.5			15.3	930
TOTALS	.2	10.2		1.0	.0	11.0	15.6	4.5			19.7	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	10.0		10.2		19.3	19.0	5.1	.6		23.0	900
03-05	.1	8.8	.2	13.3		21.4	20.4	3.7			23.1	900
06-08		10.1	.4	14.0		23.1	24.1	3.8	.3		26.2	900
09-11	.2	11.6		12.8		23.6	24.6	7.0	.7		29.6	900
12-14	.1	11.2		10.4		20.8	18.4	8.0	.7		25.1	900
15-17	.1	12.7		8.9		20.4	17.2	9.4	1.0		26.0	900
18-20	.2	12.4		10.3		21.8	19.4	8.0	1.0		25.8	900
21-23		11.0		13.3		22.4	18.8	5.6	.8		22.9	900
TOTALS	.1	11.0	.1	11.7		21.6	20.2	6.3	.6		25.2	7200

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		6.3	1.1	24.1		31.0	18.5	1.2	1.0		20.3	930
03-05		8.0	.9	24.9		31.7	19.0	.5	1.2		20.6	930
06-08		6.7	1.2	28.6		35.1	19.9	1.0	1.4		21.9	930
09-11	.1	6.3	.9	28.6		34.8	21.5	3.3	2.5		25.8	930
12-14		6.5	1.0	23.9		30.2	19.1	4.9	2.5		24.9	930
15-17	.2	6.2	1.3	19.2		25.6	19.0	7.7	2.2		26.2	930
18-20	.1	5.6	1.4	20.1		26.1	18.5	4.6	1.6		23.1	930
21-23		6.8	1.2	24.2		30.8	18.9	2.9	1.8		22.2	930
TOTALS	.1	6.6	1.1	24.2		30.7	19.3	3.3	1.8		23.2	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-87
MONTH: ALL

	HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	ALL		1.8	.7	30.2		31.7	13.4	2.7	5.9		21.0	7440
FEB			3.6	.6	25.7		29.2	17.7	3.7	2.2		22.5	6768
MAR		.1	7.1	.4	13.1		20.0	17.6	4.8	1.5		22.6	7435
APR		.4	12.8	.1	5.4		17.2	14.6	4.0	.4	.0	18.0	7200
MAY		.8	10.5		.2		10.7	14.8	7.2		.0	21.1	7440
JUN		1.5	7.3				7.3	11.7	8.6		.1	19.0	7200
JUL		1.9	4.4				4.4	10.9	13.7		.0	22.3	7440
AUG		2.1	7.3				7.3	17.9	13.5		.0	27.5	7440
SEP		1.3	11.2				11.2	21.1	10.4			28.5	7200
OCT		.2	10.2		1.0	.0	11.0	15.8	4.5			18.7	7440
NOV		.1	11.0	.1	11.7		21.6	20.2	6.3	.6		25.2	7200
DEC		.1	6.6	1.1	24.2		30.7	19.3	3.3	1.8		23.2	7440
	TOTALS	.7	7.8	.3	9.3	.0	16.9	16.3	6.9	1.0	.0	22.5	87643

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 51-87
MONTH: ALL

MONTH	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	.1	16.5	6.7	73.3		78.4	34.3	26.1	15.3		54.3	1147
FEB	.2	18.2	6.7	65.7		71.9	35.2	29.4	10.2		52.2	1045
MAR	3.5	29.3	5.8	48.1	.4	62.6	37.8	25.3	8.5		50.0	1147
APR	7.9	44.4	.4	22.0	1.0	55.4	35.6	19.4	1.1		41.3	1080
MAY	13.6	49.5		3.7	.9	50.4	33.8	21.6			40.1	1116
JUN	21.3	48.0			.5	48.0	39.4	30.2			46.9	1080
JUL	23.0	40.8			.9	40.8	37.9	34.0			46.9	1114
AUG	19.4	45.3			.7	45.3	46.5	39.0			54.7	1116
SEP	14.3	52.4		.5	.5	52.4	46.4	33.2			52.7	1080
OCT	4.9	46.9		7.4	.4	49.9	41.6	28.8	.1		48.0	1116
NOV	1.7	40.8	.5	40.4	.1	66.0	42.7	27.1	2.4		50.4	1080
DEC	.4	27.2	7.8	69.1	.1	76.5	37.4	24.0	8.9		51.8	1116
TOTALS	9.2	38.3	2.3	27.5	.5	58.3	39.0	28.2	3.9		49.1	13237

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PPPPPPPP          AAAAAA        RRRRRRRR        TTTTTTTTTT              BBBBBBBBB
PPPPPPPPP        AAAAAAAA       RRRRRRRRR       TTTTTTTTTT              BBBBBBBBBB
PP      PP      AA      AA      RR      RR          TT                  BB       BB
PP      PP      AA      AA      RR      RR          TT                  BB       BB
PPPPPPPPP       AA      AA      RRRRRRRRR           TT                  BBBBBBBBBB
PPPPPPPP        AAAAAAAAAA      RRRRRRRR            TT                  BBBBBBBBBB
PP              AAAAAAAAAA      RR    RR            TT                  BB       BB
PP              AA      AA      RR     RR           TT                  BB       BB
PP              AA      AA      RR      RR          TT                  BBBBBBBBBB
PP              AA      AA      RR       RR         TT                  BBBBBBBBB
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PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION:	".00"	EQUALS NONE FOR THE MONTH (HUNDREDTHS)
EXTREME DAILY SNOWFALL:	".0"	EQUALS NONE FOR THE MONTH (TENTHS)
EXTREME DAILY SNOW DEPTH:	"0"	EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 43-45, 50-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02 TO .05	.06 TO .10	.11 TO .25	.26 TO .50	.51 TO 1.00	1.01 TO 2.50	2.51 TO 5.00	5.01 TO 10.00	10.01 TO 20.00	OVER 20.00	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
JAN	22.2	32.9	9.6	12.8	7.1	8.5	4.9	1.7	.3					44.9	1209	1.76	3.87	.10
FEB	27.5	30.0	7.1	14.6	6.0	7.8	4.4	2.1	.3					42.5	1102	1.56	3.63	.09
MAR	38.1	27.0	4.4	7.9	5.3	7.0	6.2	3.6	.4					34.8	1209	2.14	4.27	.20
APR	44.6	20.7	3.0	8.4	4.6	7.4	6.2	3.9	1.1					34.6	1140	2.54	5.71	.55
MAY	47.8	18.8	2.6	6.4	4.7	8.2	5.1	5.0	1.4					33.4	1178	2.92	8.24	.25
JUN	51.1	18.1	2.2	5.2	4.2	6.9	6.3	4.4	1.6	.1				30.9	1140	2.91	6.48	.54
JUL	58.9	13.9	1.9	4.8	3.2	5.0	6.1	4.3	1.8					27.2	1178	2.81	5.10	.71
AUG	55.5	15.8	1.6	4.9	3.5	6.3	5.6	4.2	2.6					26.7	1209	3.23	7.35	.44
SEP	46.9	16.0	3.1	8.9	5.5	7.0	5.9	4.8	1.7	.1				37.1	1163	3.04	9.05	.07
OCT	49.3	20.0	3.7	6.3	4.0	7.1	4.8	3.7	1.0					30.6	1188	2.31	5.73	.04
NOV	33.4	28.3	5.0	8.2	6.0	8.9	5.2	4.0	1.1					36.2	1140	2.47	5.46	.34
DEC	21.5	33.0	6.3	13.5	7.8	9.3	5.6	2.5	.5					45.5	1178	2.19	5.64	.40
ANN	41.4	22.9	4.2	8.5	5.2	7.4	5.5	3.7	1.1	.0				35.7	14034	25.88		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 43-45, 50-87

24 HOUR AMOUNTS IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43								1.05	1.34	.48	1.11	.37	
44	.37	.26	.40	1.14	.53	.81	1.02	1.19	.53	.74	1.01	.11	1.19
45	.09	.22	.18	.76	1.46	1.25	.52	1.04	*1.09	*.21			
50													
51	.37	.71	.36	1.50	.38	.67	2.16	.97	1.21	1.87	.48	.63	2.16
52	.61	.33	.75	2.50	.41	.46	1.40	1.90	.43	.02	1.35	.67	2.50
53	.36	.67	.60	1.34	.91	.87	1.40	1.28	.95	.57	.57	.48	1.40
54	.86	.63	.79	.80	.93	1.97	.50	.51	1.20	1.21	1.00	.39	1.97
55	.47	.53	.47	1.05	1.17	.46	.87	2.21	.22	.68	.77	.51	2.21
56	.32	.44	.58	.61	.82	1.06	1.33	1.20	.33	.19	.64	.32	1.33
57	.41	.20	.88	.83	.92	1.26	1.43	.14	1.84	.81	1.11	.59	1.84
58	.68	.93	.10	.48	.16	.70	.98	.48	.74	.72	.53	.18	.98
59	.70	1.17	1.30	1.53	1.40	.25	1.05	1.70	.80	.93	1.02	.97	1.70
60	1.14	.64	.24	.45	.75	1.58	1.18	1.49	.87	.35	.74	.18	1.58
61	.10	.53	.56	.42	.34	.44	.94	.80	1.07	.27	.85	.63	1.07
62	.51	.52	.61	.77	.90	.80	1.76	.90	1.17	1.40	.40	.27	1.76
63	.54	.11	.66	1.41	1.77	1.05	.93	.44	.78	.20	.65	.26	1.77
64	.35	1.09	.53	.62	.70	.36	2.18	1.42	.90	.41	1.64	.45	2.18
65	.72	1.17	.44	.61	1.11	.94	.70	1.44	.87	.57	1.02	.71	1.44
66	.59	.44	.67	.51	.15	.51	.67	1.12	.47	1.09	1.53	.85	1.53
67	1.13	.32	.45	.74	.40	.95	.41	.81	.81	.94	.55	.61	1.13
68	.22	.73	.55	.69	1.90	.85	.53	2.30	1.04	.39	.90	.63	2.30
69	.86	.26	.61	1.12	1.21	1.40	.51	.21	.46	1.34	.79	1.05	1.40
70	.36	.14	.78	.75	.69	1.40	1.21	.56	.56	.80	.71	.89	1.40
71	.54	.49	1.18	.38	.61	1.13	.68	1.46	.65	.84	.47	1.77	1.77
72	.28	.33	.52	.85	.90	.71	1.01	1.07	.22	1.25	.56	.83	1.25
73	.61	.16	1.24	.73	1.63	.72	1.08	.98	.76	2.42	.61	.72	2.42
74	.88	.96	.37	.70	.70	.67	2.02	.87	1.20	.47	.35	.34	2.02
75	1.43	.32	.56	.56	1.14	1.63	1.96	1.20	1.18	.32	.54	.31	1.96
76	.25	.51	.70	.30	.89	3.74	.85	.39	.66	.79	.48	.10	3.74

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 43-45, 50-87

24 HOUR AMOUNTS IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
77	.36	.97	1.09	.49	.97	.63	.60	1.25	.82	.94	1.27	.88	1.27
78	1.69	.19	.49	.57	.76	1.65	.81	1.58	1.67	.32	.97	.53	1.69
79	.78	.25	.70	.65	.90	1.72	.51	2.00	.03	.55	.72	.37	2.00
80	.26	.57	.50	.76	.89	1.27	.80	1.30	.69	.75	.77	1.75	1.75
81	.29	.70	.21	1.38	.75	1.68	.73	1.10	1.78	.58	.61	.26	1.78
82	.42	.07	.70	.33	.54	.79	.36	1.59	.86	.40	.39	1.13	1.59
83	.67	.66	.91	.78	2.03	.32	1.50	1.00	1.48	1.06	.63	.69	2.03
84	.31	.14	.77	1.01	1.43	.34	.97	.97	.82	.83	.80	.79	1.43
85	.38	.77	.86	.88	.80	.39	1.86	1.73	3.20	1.38	.71	.87	3.20
86	.40	.70	.48	.46	.73	1.63	1.41	1.05	1.68	.67	.15	.79	1.68
87	.47	.35	.61										
MEAN	.558	.518	.626	.427	.913	1.028	1.074	1.146	.955	.777	.774	.628	1.795
S.D.	.343	.303	.273	.429	.449	.650	.507	.510	.573	.461	.324	.281	.560
TOTAL OBS	1209	1102	1209	1140	1179	1140	1179	1209	1163	1188	1140	1178	14034

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 43-45, 50-87

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
	-M-O-N-T-H-S-												
43								2.40	1.91	1.44	3.05	.60	
44	.66	1.01	2.07	1.92	2.55	3.41	3.80	4.23	1.74	1.56	3.88	.40	27.23
45	.36	.94	.55	2.59	5.18	4.85	1.54	1.63	*2.48	*.28			
50													
51	1.86	1.90	2.35	4.69	1.17	2.72	4.07	2.83	3.33	5.73	2.49	2.98	36.12
52	2.72	.72	2.96	4.32	2.04	.66	5.06	3.92	1.38	.04	3.07	2.31	29.20
53	1.62	2.53	2.64	2.88	3.66	2.90	2.87	2.91	3.74	2.23	2.45	2.41	32.84
54	1.97	1.81	2.68	2.96	3.34	6.26	.71	1.40	3.98	5.10	3.92	2.01	36.14
55	1.87	1.31	1.81	2.68	3.31	.81	3.12	3.93	.49	2.46	2.09	1.73	26.11
56	1.15	1.85	1.70	2.58	3.61	2.26	3.18	2.60	1.51	.59	1.88	2.03	24.94
57	1.37	.62	1.41	2.37	2.17	4.62	3.27	.51	4.34	2.03	2.31	1.74	26.76
58	1.92	2.05	.20	.68	.25	1.78	2.14	1.34	1.83	2.51	1.81	.59	17.10
59	1.85	3.62	2.80	5.71	4.84	.54	2.93	6.30	4.31	3.96	3.98	3.45	44.30
60	2.60	1.77	1.39	2.08	3.26	3.50	2.99	2.77	2.18	1.29	2.04	.61	26.46
61	.30	1.97	2.68	1.85	1.30	2.06	3.11	2.14	3.78	.63	2.41	1.26	23.49
62	2.09	2.42	.67	1.61	3.67	2.52	3.65	2.01	4.94	3.10	1.12	.85	28.65
63	1.00	.45	2.99	2.32	4.55	2.22	2.13	1.74	1.81	.51	1.43	1.22	22.37
64	.87	1.35	1.26	3.27	1.97	1.27	5.10	4.93	2.26	1.04	3.73	2.38	29.43
65	2.36	3.21	1.98	2.66	2.59	1.75	1.74	3.31	5.62	1.95	2.35	2.68	32.20
66	2.01	.96	3.43	3.09	.49	1.26	1.58	4.02	1.53	1.83	5.46	2.79	28.45
67	2.58	1.31	.90	3.42	1.16	4.17	.98	3.57	2.01	2.52	1.65	2.59	26.86
68	.91	2.26	1.31	2.12	4.72	3.11	1.78	5.23	3.55	1.62	2.68	3.19	32.48
69	3.58	.98	1.54	3.00	3.65	3.84	1.90	.44	1.39	5.60	2.30	2.15	30.27
70	1.13	.50	1.94	2.60	1.76	3.64	3.98	1.06	2.80	2.46	2.90	2.48	27.25
71	2.66	2.22	2.68	1.10	1.74	3.67	3.34	4.17	1.88	1.27	1.62	5.69	31.96
72	1.11	1.22	3.62	2.16	1.42	2.25	2.72	4.10	.72	3.11	1.51	5.38	28.72
73	1.26	1.04	3.30	2.01	5.21	1.83	3.85	2.70	2.04	5.28	2.12	3.24	33.88
74	3.87	1.57	1.58	2.80	3.10	3.25	3.98	2.25	4.08	1.24	1.95	1.24	30.91
75	3.35	1.13	1.06	1.49	4.64	5.49	5.03	4.20	3.17	.83	2.27	1.78	35.24
76	1.87	1.98	4.27	.55	3.11	6.48	3.14	1.02	1.90	2.59	.92	.65	28.48

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 43-45, 50-87

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
	-M-O-N-T-H-S-												
77	1.18	1.49	3.36	1.54	2.17	.75	2.22	7.35	3.40	2.33	4.85	2.27	32.91
78	2.76	1.03	.89	1.29	2.56	4.18	1.77	2.46	5.51	.89	2.41	2.24	27.99
79	2.29	.70	2.02	2.74	2.54	3.20	.74	4.99	.07	2.46	2.64	1.07	26.06
80	.81	1.04	1.36	3.25	2.98	3.72	2.59	3.19	3.18	2.81	1.33	2.77	29.03
81	.97	2.55	.43	3.81	1.75	4.80	1.54	5.08	4.35	2.05	1.49	.91	29.73
82	2.35	.09	3.67	1.27	2.02	4.00	2.17	4.60	2.90	.94	1.99	3.27	29.27
83	1.99	1.69	4.20	3.51	8.24	.80	3.81	3.07	3.88	3.61	3.08	2.19	40.07
84	.85	.66	2.16	3.45	3.18	1.28	1.54	2.15	3.26	3.39	1.87	3.64	27.43
85	1.78	3.34	3.54	2.68	2.02	1.64	2.68	6.16	5.69	2.90	4.60	2.36	39.39
86	1.42	2.10	2.32	1.39	3.05	3.26	4.09	3.44	9.05	1.70	.34	2.02	34.18
87	1.45	1.12	.91										
MEAN	1.763	1.560	2.139	2.538	2.920	2.914	2.812	3.235	3.039	2.305	2.473	2.187	30.106
S.D.	.853	.823	1.050	1.074	1.534	1.549	1.165	1.617	1.738	1.420	1.104	1.188	5.147
TOTAL OBS	1209	1102	1209	1140	1178	1140	1178	1209	1163	1188	1140	1178	14034

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 50-67

MONTH	NONE	TRACE	0.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 6.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	OVER 50.4	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
	AMOUNTS IN INCHES																	
JAN	26.4	31.6	17.9	12.5	5.2	2.5	1.5	1.3	1.0	.2				42.0	1147	18.6	36.3	4.3
FEB	33.6	28.0	17.0	12.8	3.1	2.7	1.0	.9	.8	.2				38.4	1045	12.7	35.3	1.8
MAR	51.4	25.5	8.7	7.0	3.4	1.1	1.0	1.0	.6	.2				23.0	1147	10.4	28.0	.3
APR	77.8	14.8	3.6	1.8	1.1	.4	.2	.2	.2					7.4	1080	2.5	12.9	TRACE
MAY	96.2	3.0	.5	.1	.1									.7	1116	.1	1.6	.0
JUN	100.0														1080	.0	.0	.0
JUL	100.0														1116	.0	.0	.0
AUG	100.0														1116	.0	.0	.0
SEP	99.6	.3	.1											.1	1080	TRACE	.2	.0
OCT	92.1	7.1	.5	.3										.8	1116	.1	1.2	.0
NOV	59.4	27.0	5.7	3.9	2.0	.6	.7	.3	.1	.1				13.5	1080	5.0	19.4	TRACE
DEC	35.6	33.4	15.9	10.9	4.4	2.2	1.1	1.1	.3	.2				36.0	1116	12.7	31.7	1.8
ANN	72.3	14.2	5.8	4.1	1.6	.8	.5	.4	.2	.1				13.5	13239	60.1		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 50-97

24 HOUR AMOUNTS IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50													
51	7.1	4.5	4.1	.8	.0	.0	.0	.0	.0	TRACE	5.1	6.3	6.3
52	5.4	.8	4.9	7.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.4	7.0
53	2.8	6.0	2.1	TRACE	.0	.0	.0	.0	.0	.0	4.0	2.1	6.0
54	9.0	2.9	7.6	.3	.4	.0	.0	.0	.0	TRACE	.4	3.8	9.0
55	4.7	5.3	2.7	TRACE	.0	.0	.0	.0	.0	TRACE	4.2	5.1	5.3
56	3.2	4.4	3.3	.8	.1	.0	.0	.0	.2	TRACE	3.4	3.1	4.4
57	4.9	2.0	6.9	2.4	TRACE	.0	.0	.0	.0	TRACE	.3	3.7	6.9
58	5.0	8.5	.6	TRACE	.0	.0	.0	.0	.0	.0	1.3	2.9	8.5
59	3.1	12.3	4.2	5.0	.0	.0	.0	.0	.0	TRACE	5.7	4.5	12.3
60	11.5	3.5	2.8	2.1	TRACE	.0	.0	.0	.0	.2	.9	2.6	11.5
61	3.2	4.2	8.0	.3	.3	.0	.0	.0	.0	TRACE	1.5	1.7	8.0
62	2.7	4.6	5.5	2.1	.0	.0	.0	.0	.0	.5	1.9	2.7	5.5
63	5.7	.9	2.4	2.5	TRACE	.0	.0	.0	.0	.0	TRACE	2.0	5.7
64	1.6	2.7	5.0	.5	.0	.0	.0	.0	.0	.2	1.6	4.5	5.0
65	6.4	10.8	5.5	3.5	.0	.0	.0	.0	TRACE	1.2	.4	4.0	10.8
66	6.4	3.3	1.8	4.9	TRACE	.0	.0	.0	TRACE	TRACE	9.2	8.4	9.2
67	7.6	3.8	3.5	1.4	TRACE	.0	.0	.0	.0	TRACE	3.7	2.2	7.6
68	3.1	4.0	6.4	.1	TRACE	.0	.0	.0	.0	TRACE	1.5	6.3	6.4
69	8.8	2.2	3.6	TRACE	TRACE	.0	.0	.0	.0	.6	4.0	2.7	6.8
70	3.7	1.4	11.6	6.5	TRACE	.0	.0	.0	.0	.0	.8	2.5	11.6
71	5.4	3.1	11.5	.4	TRACE	.0	.0	.0	.0	.0	1.6	13.5	13.5
72	3.0	3.3	5.2	1.1	.0	.0	.0	.0	.0	.1	2.4	6.6	6.6
73	2.0	2.0	9.8	3.8	.1	.0	.0	.0	.0	.0	3.4	3.8	9.8
74	4.5	10.2	3.2	.5	1.6	.0	.0	.0	.0	TRACE	1.0	3.0	10.2
75	2.2	1.0	2.6	.9	.0	.0	.0	.0	.0	.0	3.4	3.8	3.8
76	5.9	6.4	4.9	.3	TRACE	.0	.0	.0	.0	TRACE	2.2	3.0	6.4
77	2.3	1.2	.6	.2	.0	.0	.0	.0	.0	TRACE	13.0	5.0	13.0
78	13.2	4.1	3.0	TRACE	.0	.0	.0	.0	.0	TRACE	6.2	4.7	13.2
79	7.2	2.6	2.0	2.6	.5	.0	.0	.0	.0	TRACE	.5	1.4	7.2

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 50-87

24 HOUR AMOUNTS IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
80	2.6	5.6	4.4	2.0	.0	.0	.0	.0	.0	TRACE	.5	13.6	13.6
81	7.1	8.5	.6	TRACE	.0	.0	.0	.0	.0	TRACE	4.2	6.2	8.5
82	8.9	.9	7.2	.3	.0	.0	.0	.0	.0	TRACE	1.0	.8	8.9
83	6.7	2.8	10.0	1.6	TRACE	.0	.0	.0	TRACE	.0	2.7	3.9	10.0
84	5.4	1.6	1.5	TRACE	TRACE	.0	.0	.0	.0	.0	.9	5.0	5.4
85	3.8	7.7	8.3	.9	.0	.0	.0	.0	.0	.0	1.5	4.5	8.3
86	4.0	7.0	4.6	.3	.0	.0	.0	.0	.0	.0	.5	3.9	7.0
87	4.7	7.0	.3										
MEAN	5.19	4.41	4.65	1.53	.08	.00	.00	.00	.01	.08	2.64	4.39	8.37
S.D.	2.640	2.948	3.010	1.882	.284	.000	.000	.000	.033	.236	2.707	2.827	2.726
TOTAL OBS	1147	1045	1147	1080	1116	1080	1116	1116	1080	1116	1080	1116	13239

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 50-87

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
	-M-O-N-T-H-S-												
50													
51	15.0	10.1	12.6	.9	.0	.0	.0	.0	.0	TRACE	19.4	22.0	80.0
52	20.2	3.3	15.5	8.7	.0	.0	.0	.0	.0	TRACE	TRACE	4.5	52.2
53	11.5	17.4	5.0	TRACE	.0	.0	.0	.0	.0	.0	6.9	6.5	47.3
54	20.2	8.0	18.8	.3	.5	.0	.0	.0	.0	TRACE	.4	17.7	65.9
55	14.0	16.8	7.3	TRACE	.0	.0	.0	.0	.0	TRACE	7.7	11.5	57.3
56	10.7	18.1	8.7	1.3	.1	.0	.0	.0	.2	TRACE	7.4	12.9	59.4
57	12.6	4.9	7.7	3.5	TRACE	.0	.0	.0	.0	TRACE	.3	7.9	36.9
58	15.3	14.6	1.3	TRACE	.0	.0	.0	.0	.0	.0	4.1	9.9	45.2
59	13.7	35.3	8.2	9.4	.0	.0	.0	.0	.0	TRACE	12.4	15.4	94.4
60	23.4	15.8	14.8	7.8	TRACE	.0	.0	.0	.0	.3	2.4	7.3	67.8
61	5.9	12.1	19.8	.5	.3	.0	.0	.0	.0	TRACE	1.5	4.6	44.6
62	19.3	20.9	5.7	2.6	.0	.0	.0	.0	.0	.8	2.8	8.3	60.4
63	10.0	4.2	8.0	3.6	TRACE	.0	.0	.0	.0	.0	TRACE	11.8	37.7
64	4.8	5.2	10.8	.6	.0	.0	.0	.0	.0	.3	4.1	12.0	37.8
65	22.4	25.9	14.9	5.5	.0	.0	.0	.0	TRACE	1.2	1.1	8.5	79.5
66	21.9	7.6	5.8	12.9	TRACE	.0	.0	.0	TRACE	TRACE	18.8	16.7	83.7
67	25.9	12.6	7.4	1.4	TRACE	.0	.0	.0	.0	TRACE	4.2	6.9	58.4
68	9.6	11.1	7.7	.1	TRACE	.0	.0	.0	.0	TRACE	2.7	27.5	58.7
69	22.6	7.7	7.0	TRACE	TRACE	.0	.0	.0	.0	.7	4.7	13.9	56.6
70	15.5	6.0	17.6	6.6	TRACE	.0	.0	.0	.0	.0	2.1	12.4	60.2
71	23.1	13.5	25.5	1.0	TRACE	.0	.0	.0	.0	.0	5.7	16.8	85.6
72	8.1	11.9	28.0	7.1	.0	.0	.0	.0	.0	.1	3.3	31.7	86.2
73	5.7	8.6	10.9	6.0	.1	.0	.0	.0	.0	.0	4.5	17.6	53.4
74	18.0	18.5	12.0	.6	1.6	.0	.0	.0	.0	TRACE	2.8	10.9	64.4
75	7.7	5.4	10.3	1.9	.0	.0	.0	.0	.0	.0	9.1	14.8	49.2
76	32.7	16.7	12.1	.7	TRACE	.0	.0	.0	.0	TRACE	4.2	11.7	78.1
77	9.5	4.1	1.6	.2	.0	.0	.0	.0	.0	TRACE	16.2	13.5	45.1
78	28.7	17.0	6.0	TRACE	.0	.0	.0	.0	.0	TRACE	13.4	18.6	83.7
79	22.1	8.6	3.8	5.6	.6	.0	.0	.0	.0	TRACE	1.2	4.6	46.5

NOTE * (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 50-87

TOTAL MONTHLY SNOWFALL IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
80	4.3	11.0	9.9	3.5	.0	.0	.0	.0	.0	TRACE	1.1	23.5	53.3
81	15.3	18.3	1.8	TRACE	.0	.0	.0	.0	.0	TRACE	4.2	10.1	49.7
82	35.3	1.8	18.1	.4	.0	.0	.0	.0	.0	TRACE	1.0	1.8	61.4
83	16.7	9.0	14.3	2.0	TRACE	.0	.0	.0	TRACE	.0	3.0	10.3	55.3
84	16.8	3.5	4.1	TRACE	TRACE	.0	.0	.0	.0	.0	.9	12.9	38.2
85	17.5	29.5	12.5	1.5	.0	.0	.0	.0	.0	.0	4.0	15.7	79.7
86	14.6	16.6	9.4	.3	.0	.0	.0	.0	.0	.0	.6	6.5	46.0
87	20.1	17.0	.3										
MEAN	16.58	12.67	10.41	2.46	.09	.00	.00	.00	.01	.09	4.95	12.73	60.05
S.D.	7.730	7.518	6.400	3.115	.292	.000	.000	.000	.033	.264	5.146	6.463	15.696
TOTAL OBS	1147	1045	1147	1080	1116	1080	1116	1116	1080	1116	1080	1116	13239

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 43-45, 50-87

MONTH	NONE	TRACE	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	OVER 120	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
	AMOUNTS IN INCHES																	
JAN	6.1	3.9	10.2	11.4	8.4	25.8	24.2	10.1						90.0	1209			
FEB	6.8	6.3	9.3	7.1	7.7	22.0	26.8	12.7	1.4					86.9	1102			
MAR	23.5	18.8	10.3	8.4	8.5	15.1	9.4	5.7						57.4	1209			
APR	83.2	9.6	2.7	1.2	1.7	1.5	.1							7.2	1140			
MAY	99.3	.6	.1											.1	1178			
JUN	100.0														1140			
JUL	100.0														1209			
AUG	100.0														1209			
SEP	100.0														1170			
OCT	99.2	.7	.1											.1	1209			
NOV	77.8	11.4	3.7	2.3	1.3	2.7	.4	.4						10.8	1140			
DEC	22.4	20.5	15.4	11.5	7.7	14.3	6.5	1.6						57.0	1178			
ANN	68.2	6.0	4.3	3.5	2.9	6.8	5.6	2.5	.1					25.8	14093			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 43-45, 50-87

DAILY SNOW DEPTH IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43							0	0	0	1	1	2	
44	1	5	7	4	0	0	0	0	0	0	5	5	7
45	5	7	1	2	TRACE	0	0	0	0	0			
50													
51	11	14	6	TRACE	0	0	0	0	0	0	6	19	19
52	12	8	8	6	0	0	0	0	0	0	TRACE	2	12
53	5	6	7	TRACE	0	0	0	0	0	0	4	2	7
54	12	11	13	TRACE	TRACE	0	0	0	0	0	TRACE	12	13
55	14	26	4	TRACE	0	0	0	0	0	TRACE	3	9	26
56	6	11	5	TRACE	0	0	0	0	0	0	5	5	11
57	8	8	5	1	0	0	0	0	0	TRACE	TRACE	3	8
58	11	15	1	TRACE	0	0	0	0	0	0	2	5	15
59	9	24	21	3	0	0	0	0	0	0	6	9	24
60	15	13	17	4	0	0	0	0	0	TRACE	1	4	17
61	4	6	9	TRACE	TRACE	0	0	0	0	0	TRACE	2	9
62	15	18	11	TRACE	0	0	0	0	0	TRACE	2	4	18
63	8	6	5	TRACE	1	0	0	0	0	0	0	8	8
64	8	3	6	2	0	0	0	0	0	0	6	6	8
65	8	17	15	6	0	0	0	0	0	0	0	6	17
66	11	14	3	4	0	0	0	0	0	0	9	10	14
67	19	15	11	1	0	0	0	0	0	0	3	2	19
68	7	7	6	0	0	0	0	0	0	0	1	17	17
69	16	8	3	0	0	0	0	0	0	TRACE	2	7	16
70	11	9	10	7	0	0	0	0	0	0	1	6	11
71	15	12	16	2	0	0	0	0	0	0	3	14	16
72	13	9	15	4	0	0	0	0	0	0	TRACE	16	16
73	6	5	10	5	0	0	0	0	0	0	2	11	11
74	16	10	5	TRACE	TRACE	0	0	0	0	0	1	4	16
75	4	4	6	4	0	0	0	0	0	0	4	6	6
76	16	16	6	0	0	0	0	0	0	0	1	6	16

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 43-45, 50-87

DAILY SNOW DEPTH IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
77	11	8	1	0	0	0	0	0	0	0	17	11	17
78	20	24	16	1	0	0	0	0	0	0	9	4	24
79	23	17	7	3	TRACE	0	0	0	0	0	TRACE	2	23
80	3	4	4	3	0	0	0	0	0	0	TRACE	4	4
81	6	15	1	0	0	0	0	0	0	0	2	2	15
82	11	16	15	TRACE	0	0	0	0	0	TRACE	1	1	16
83	8	5	13	1	0	0	0	0	0	0	3	8	13
84	14	12	2	TRACE	TRACE	0	0	0	0	0	1	4	14
85	17	34	15	1	0	0	0	0	0	0	0	11	34
86	20	9	13	TRACE	0	0	0	0	0	0	TRACE	4	20
87	9	10	TRACE										
MEAN	11.0	11.8	8.2	1.7	.0	.0	.0	.0	.0	.0	2.7	6.7	15.1
S.D.	5.209	6.759	5.409	2.094	.162	.000	.000	.000	.000	.160	3.408	4.558	6.182
TOTAL OBS	1209	1102	1209	1140	1178	1140	1209	1209	1170	1209	1140	1178	14093

NOTE * (BASED ON LESS THAN FULL MONTHS)

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SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

AN ASTERISK "*" IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED TO COMPUTE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITIS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 61-87

DAILY PEAK GUSTS IN KNOTS
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
61			NE 40	S 32	W 32	WSW 46	WNW 28	W 31	W *33	WSW*38	SW *30	WSW*34	
62	NNW 35	NW 28	NNW 26	N 32	W 41	W 39	WNW 34	SW 25	NW 53	W 30	SSW 36	WNW*36	W 53
63	SW 49	WNW 39	WSW 35	W 47	WNW 38	SSW 27	WNW 34	N 30	W *33	WNW 36	WNW 43	N 31	W 47
64	SW 36	WSW 38	NNE 37	WSW 52	WSW 47	WNW 40	W 30	NW 55	SSW 42	SW 36	WSW 47	NE 39	WSW 5[illegible]
65	WNW 32	NNW 45	E 44	WNW 31	WSW 42	W 33	SW 27	WSW 38	SSW 32	WNW 41	W 42	NNE 39	NNW 45
66	WNW 37	NNW 34	SW 38	W 36	WNW 41	W 30	NNE 31	N 30	W 37	WSW 41	N 38	E 29	WNW 41
67	WSW 52	NE 39	NNW 31	NNE 38	WNW 32	SW 39	W 30	W 28	WSW 33	SSW 39	W 40	W 44	WSW 52
68	NNE 36	NW 39	W 36	SSW 50	SSW 33	NE 35	24/ 32	33/ 39	27/ 29	24/ 37	5/ 43	27/ 41	SSW 50
69	29/ 36	31/ 33	30/ 32	4/ 38	35/ 38	26/ 42	19/ 35	21/ 31	33/ 32	26/ 38	26/ 32	37/ 38	26/ 42
70	22/ 31	32/ 36	5/ 44	1/ 51	23/ 51	34/ 39	27/ 64	34/ 40	23/ 38	24/ 38	26/ 52	25/ 45	22/ 64
71	33/ 45	21/ 53	23/ 41	23/ 40	25/ 42	8/ 38	28/ 37	25/ 48	30/ 37	21/ 46	24/ 49	24/ 57	24/ 57
72	24/ 64	33/ 46	26/ 46	19/ 36	3/ 29	36/ 31	25/ 44	27/ 46	22/ 34	24/ 42	3/ 35	31/ 33	24/ 64
73	22/ 34	35/ 30	33/ 47	5/ 42	22/ 34	20/ 32	27/ 34	24/ 34	14/ 38	28/ 51	28/ 39	4/ 32	26/ 51
74	28/ 35	33/ 31	27/ 36	21/ 38	32/ 36	28/ 31	26/ 36	33/ 39	27/ 42	30/ 30	19/ 28	31/ 29	27/ 42
75	24/ 51	26/ 33	8/ 30	22/ 46	19/ 34	20/ 46	30/ 50	25/ 32	33/ 29	29/ 33	25/ 49	6/ 32	24/ 51
76	20/ 30	32/ 34	24/ 48	4/ 39	30/ 35	3/ 38	2/ 32	24/ 27	29/ 35	30/ 37	29/ 33	27/ 38	24/ 48
77	27/ 45	28/ 37	22* 47	23/ 34	34/ 42	28/ 34	29/ 38	24/ 44	21/ 30	15/ 34	23/ 35	22/ 38	22* 47
78	33/ 44	35/ 23	28/ 35	28/ 38	19/ 39	32/ 29	20/ 28	21/ 39	27/ 34	18/ 36	19/ 36	28/ 42	33/ 44
79	20/ 31	27/ 39	32/ 35	28/ 56	2/ 31	22/ 36	16/ 23	33/ 31	22/ 26	19/ 29	20/ 39	3/ 34	28/ 56
80	24/ 43	32/ 32	31/ 38	3/ 37	21/ 39	30/ 29	28/ 42	27/ 23	30/ 32	31/ 34	32/ 30	36/ 37	24/ 43
81	32/ 27	23/ 27	32/ 34	21/ 45	2/ 32	23/ 72	19/ 25	3/ 26	23/ 34	22/ 41	27/ 32	35/ 26	23/ 72
82	24/ 42	25/ 30	27/ 50	22/ 43	26/ 23	26/ 20	33/ 43	33/ 32	31/ 25	21/ 35	23/ 40	23/ 41	27/ 50
83	19/ 32	21/ 25	2/ 36	21/ 31	24/ 31	18/ 25	2/ 37	28* 20	30/ 45	29/ 36	23/ 39	26/ 33	30/ 45
84	28/ 32	36/ 34	31/ 38	19/ 51	23/ 34	19/ 36	28/ 25	28/ 29	16/ 29	19/ 32	18/ 33	24/ 40	19/ 51
85	1/ 32	26/ 32	7/ 36	24/ 40	23/ 46	27/ 35	16/ 29	20/ 31	14/ 34	18/ 34	22/ 43	24/ 35	23/ 46
86	21/ 36	6/ 26	28/ 38	29/ 58	28/ 40	29/ 35	30/ 45	29/ 30	28/ 32	30/ 33	21/ 38	24/ 37	29/ 58
87	31/ 29	31/ 45	36/ 35										
MEAN	38.1	34.9	37.9	41.8	37.0	36.0	35.1	33.5	34.6	36.8	38.8	36.4	51.4
S.D.	8.510	7.098	5.782	7.900	6.190	9.501	8.959	6.552	6.709	5.036	6.178	6.776	8.170
TOTAL OBS	805	732	828	776	802	776	807	781	771	788	769	795	9425

NOTES * (BASED ON LESS THAN FULL MONTHS)
$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(LST): 0000-0259

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 OR MORE	TOTAL %	MEAN WIND
N	.3	1.8	1.4	.7								4.2	6.5
NNE	.3		.5	.4	.5							1.7	11.9
NE	.1	.1	.5	.7	.1	.1						1.5	10.8
ENE		.3	.3	.5								1.4	6.3
E	.1	.4	1.0	.4								1.9	6.6
ESE	.2	.3		.3								.9	7.1
SE	.5	.6	.7	.1								1.8	4.7
SSE	.4	.4	.6	.4								1.8	7.1
S	1.7	2.0	2.4	1.5	.1							7.7	7.3
SSW	1.8	5.1	3.9	1.4	.4							12.5	7.3
SW	4.2	2.9	3.7	1.4	.1	.1						12.4	6.3
WSW	2.0	3.8	3.8	.3								10.3	6.3
W	1.7	3.1	2.5	1.2	.1	.1						8.7	7.0
WNW	1.8	1.9	1.5	.5	.2							6.5	6.2
NW	1.3	2.4	3.3	2.5	.3	.1						9.9	7.6
NNW	.8	2.5	1.1	1.3	.3	.1						5.7	7.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.5	//////
TOTALS	17.4	27.7	27.5	13.0	2.3	.5						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 930

LOCAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
SAFETAC — FROM HOURLY OBSERVATIONS
21C WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OVER 56	TOTAL %	MEAN WIND
N	.5	1.4	1.[illegible]	.4	.1							3.4	7.1
NNE			.[illegible]	.4	.5	.2						1.[illegible]	1[illegible].1
NE		.1	.3	.5	.1							1.	[illegible]
ENE	.1	.2	.3	.6	.1	.2						1.[illegible]	[illegible]
E	.1	.4	.5	.3								1.	7.4
ESE	.2	.2	.3									.7	6.4
SE	.5	.3	.3	.1								1.4	7.7
SSE	.2	.2	.1	.3								1.	7.[illegible]
S	1.7	2.6	2.4	.3								7.4	7.1
SSW	1.5	4.3	3.7	1.1		.3						12.	7.
SW	3.5	4.3	3.2	1.2		.1						12.7	6.2
WSW	2.0	3.[illegible]	1.7	1.3	.1							4.5	5.6
W	2.3	1.3	1.3	1.	.1							7.7	6.7
WNW	1.7	2.1	3.1	.3								7.3	8.7
NW	1.5	.9	2.7	2.	.3							8.4	8.1
NNW	1.0	1.3	2.3	1.3	.2	.1						7.3	9.[illegible]
UNKNOWN													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	1[illegible].2	//////
TOTALS	16.[illegible]	27.1	25.7	17.7	1.4	1.0						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 93

CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: [illegible] STATION NAME: [illegible] AFB MI — PERIOD OF RECORD: 79-87
MONTH: JAN — HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64 OR MORE	TOTAL %	MEAN SPD
N	.9	1.6	1.[illegible]	.7	.1	.1							4.[illegible]	[illegible]
NNE			.7	.1	.1	.1							1.7	17.4
NE		.[illegible]	.1	.1									.4	7.5
ENE		.1	.4	1.[illegible]	.1								1.4	11.4
E		.4	.7	.1	.1								1.7	[illegible]
ESE		.1	.7										.7	7.7
SE	.7	.[illegible]	.[illegible]										.6	4.4
SSE	.7	.4	.7	.1									1.4	[illegible]
S	1.7	2.7	2.1	.4	.1								7.1	7.7
SSW	2.4	4.7	2.[illegible]	1.[illegible]	.5	.1							11.[illegible]	8.4
SW	4.7	[illegible]	4.[illegible]	1.7	.1	.1							14.[illegible]	8.0
WSW	2.9	7.1	1.7	1.[illegible]	.2								7.[illegible]	[illegible]
W	.7	.[illegible]	1.7	.7									[illegible]	[illegible]
WNW	1.9	1.[illegible]	7.[illegible]	1.7	.1	.1							.5	7.7
NW	1.[illegible]	.7	2.4	[illegible]	.1	.7							[illegible]	[illegible]
NNW	1.[illegible]	1.7	.[illegible]	1.[illegible]									[illegible]	7.1
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	14.[illegible]	//////
TOTALS	1[illegible].7	7.[illegible]	[illegible].7	17.[illegible]	1.7	1.1							1[illegible].7	[illegible].1

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	TOTAL %	MEAN WIND
N	.6	2.2	2.7	1.7	.9							8.1	8.6
NNE	.1		.7	.4								1.3	10.6
NE	.1		.4	.4								1.3	9.5
ENE		.1	.7	.4	.3							1.4	11.7
E		.7	.4	.1								1.3	8.2
ESE	.1	.1	.7	.1								.6	8.0
SE		.4	.5	.1								.9	8.3
SSE	.6	1.2	.4	.1								2.3	5.7
S	.9	2.2	2.7	2.4	.1							8.3	8.1
SSW	1.4	3.4	3.4	1.7	.1	.3						9.4	7.4
SW	2.8	4.8	4.5	2.4		.8	.1					14.7	7.6
WSW	1.8	1.7	1.4	1.1	.1	.1						7.6	7.1
W	1.8	1.9	2.7	1.9	.2							8.5	6.8
WNW	1.7	1.5	2.4	2.7	.3	.1						8.9	8.5
NW	.8	1.4	3.1	2.5	.2	.1						8.8	9.1
NNW	.4	.4	.4	1.4	.1							2.6	7.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.7	//////
TOTALS	17.2	26.1	29.1	16.7	1.9	1.1	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.9	3.1	1.1	.1	.2						6.7	8.6
NNE	.4	.3	1.6	1.0	.1							3.4	9.0
NE	.3	.7	.5	.5	.1							2.2	8.8
ENE	.1	.7	.5	.5	.2							1.9	10.3
E	.2	.1	.8	.1	.1							1.3	8.0
ESE	.1	.9	.6	.4								2.0	7.4
SE	.1	.8	1.0	.1								1.9	6.9
SSE	.5	.8	1.0	.6								2.9	7.7
S	.6	1.2	3.3	2.4	.4	.1						8.8	9.3
SSW	.8	2.4	4.5	2.0	.6	.1						10.4	9.1
SW	1.3	1.8	2.5	2.7	.3	.4	.1					9.4	9.4
WSW	1.0	1.7	2.5	3.1	.6	.5	.1	.1				9.7	10.0
W	.6	1.7	3.1	3.5	.8							9.2	10.2
WNW	.5	.9	3.5	2.5	.4							8.2	9.5
NW	.2	1.2	3.7	3.9	.4	.1						9.5	10.6
NNW	1.2	1.7	3.1	1.2	.3	.1						8.2	8.2
VARIABLE													
CALM												4.3	
TOTALS	8.8	17.7	36.1	25.1	4.6	1.6	.2	.1				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 935

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	2.9	2.2	.6								7.2	6.1
NNE	.2	.9	1.2	1.1								3.4	8.9
NE	.9	.9	.8	.5	.1							2.9	7.2
ENE	.8	1.2	.1	.1	.2							2.4	6.2
E	.9	.8	.4	.1	.3							2.0	8.2
ESE	.5	1.4	.4	.4								2.6	5.7
SE	.2	.9	1.0	.2								2.3	7.2
SSE	.9	1.1	1.0	.2								3.3	6.6
S	1.1	2.4	5.2	2.0	.2							12.7	7.8
SSW	.2	1.4	1.8	2.2	.3	.1						6.8	10.3
SW	1.1	1.4	2.1	1.0	.1	.1	.1					5.7	8.6
WSW	1.4	1.9	3.1	2.2	.3	.1						9.0	8.6
W	.9	1.0	2.7	3.9	.5	.2						10.2	10.1
WNW	.3	1.4	4.0	3.0	.4							9.1	9.8
NW	.8	1.1	2.0	3.3	.3							8.1	10.1
NNW	1.0	1.4	3.7	1.7		.3						8.1	8.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	3.5	//////
TOTALS	11.2	22.3	33.5	24.2	2.9	.9	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	2.8	1.1	.6								6.2	5.8
NNE	.3		.9	.6	.2							2.0	10.2
NE	.2	.2	.1	.8	.3							1.3	11.2
ENE	.1	.5	.5	.3								1.4	7.8
E	.4	.3	.6	.1	.3							1.8	8.5
ESE	.5	.4	.1	.4								1.5	6.8
SE	1.6	1.3	.5	.1								3.5	4.5
SSE	1.2	1.6	1.5	.4	.1							4.8	6.3
S	1.7	3.4	3.3	1.4	.2							10.1	7.1
SSW	1.3	2.5	1.5	2.4	.2							7.8	8.1
SW	1.4	2.0	2.3	.3	1.1	.1						7.2	8.2
WSW	1.4	1.6	2.2	1.3	.4	.2						7.1	8.5
W	2.5	3.9	2.3	2.4	.1	.1						11.7	7.0
WNW	.9	2.2	2.2	1.5	.1	.2						7.0	8.2
NW	1.0	2.3	2.8	2.7	.3	.1						9.1	8.9
NNW	1.8	1.6	1.6	1.9		.1						7.3	7.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	0.0	//////
TOTALS	18.1	26.0	24.1	16.5	3.4	.9						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.5	.5	.6								3.4	6.1
NNE		.3	.5	.3	.1							1.0	11.4
NE	.2	.7	.6	.4	.3							1.9	9.6
ENE	.3		.3	.3								.9	6.6
E	.3	.1	.6	.4								1.5	8.8
ESE	.2	.1	.2	.4								1.0	9.3
SE	.6	1.1	1.0	.3								3.0	6.4
SSE	.4	1.1	1.0	.8								3.3	7.7
S	1.7	1.6	2.8	1.6								7.7	7.3
SSW	1.6	2.7	3.8	1.5	.9							10.4	8.0
SW	3.9	3.5	2.2	2.5	.1	.1						12.3	6.5
WSW	1.9	1.8	2.0	1.1	.4							8.3	7.1
W	2.2	1.9	2.0	.3	.2	.1						8.7	5.9
WNW	1.8	2.0	2.6	1.2	.1	.1						7.8	6.9
NW	1.8	2.5	2.7	3.5	.4	.2	.1					10.9	9.3
NNW	1.3	1.0	1.7	1.9	.1							6.6	7.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.4	//////
TOTALS	18.7	25.4	24.4	17.4	2.7	.5	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.9	1.6	.7	.1	.1						5.2	7.3
NNE	.2	.2	.3	.9	.2	.0						2.1	10.7
NE	.2	.2	.6	.4	.1	.0						1.5	9.6
ENE	.2	.3	.4	.5	.1	.0						1.6	9.5
E	.2	.4	.7	.2	.1							1.6	8.3
ESE	.2	.4	.3	.3								1.2	6.9
SE	.5	.7	.6	.1								1.9	5.9
SSE	.5	.8	.9	.4	.0							2.7	6.8
S	1.3	2.5	3.2	1.5	.1	.0						8.7	7.5
SSW	1.4	3.5	3.1	1.7	.4	.1						10.1	7.8
SW	2.9	3.2	3.2	1.7	.2	.2	.0					11.5	7.1
WSW	1.8	2.6	2.3	1.5	.3	.1	.0	.0				8.7	7.6
W	1.7	2.7	2.4	1.3	.3	.1						9.0	7.5
WNW	1.2	1.8	2.0	1.7	.2	.1						7.9	8.1
NW	1.0	2.0	3.0	2.5	.3	.1	.0					9.4	9.2
NNW	1.1	1.9	2.3	1.4	.1	.1						6.9	7.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.9	//////
TOTALS	15.3	25.5	28.1	17.9	2.6	.7	.1	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	2.5	2.0	.6								6.5	5.9
NNE	.2	.2	1.1	1.1	.4							3.0	10.8
NE	.4	.5	.8	.2								1.9	7.0
ENE	.2	.9	.1	1.2								2.5	8.9
E	.2	.9	1.3									2.5	6.2
ESE	.1	.7	.6									1.4	6.2
SE	.5	.7	.2									1.4	4.8
SSE	.7	.6	.7									2.0	5.1
S	1.5	2.6	1.3	.9								6.3	5.8
SSW	2.9	3.2	3.4	2.4		.1						11.9	7.0
SW	1.8	4.6	1.9	.7								9.0	5.8
WSW	2.5	2.6	.8	.5	.1							6.5	5.0
W	2.6	2.1	2.1	.6	.1							7.6	6.0
WNW	2.7	2.2	2.2	.4	.1							7.7	5.3
NW	1.5	2.0	1.4	1.1	.1							6.1	6.8
NNW	2.6	3.0	2.2	.4								8.2	5.4
VARIABLE													
CALM												15.6	
TOTALS	21.9	29.4	22.1	9.8	.8	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	2.2	2.7	.5	.1	.1						8.2	6.3
NNE	.1	.5	.6	.7	.1	.1						2.1	10.5
NE	.2	.2	.5	.6								1.5	8.8
ENE	.2	.5	.6	.8	.1							2.2	9.5
E	.4	1.3	.9	.6								3.2	6.7
ESE	.4	.5	.5									1.3	5.6
SE	.5	.9	.5									1.9	5.1
SSE	.9	1.3	.2									2.5	3.9
S	1.7	2.0	2.2	.4								6.3	5.6
SSW	3.2	5.6	3.0	1.5								13.5	6.2
SW	2.5	2.6	1.7	.6								7.3	5.3
WSW	1.7	2.4	1.2	.1								5.3	4.8
W	1.4	2.6	1.7	.8	.1							6.3	6.1
WNW	2.5	2.4	1.3	.5	.1							6.7	5.4
NW	2.7	3.5	1.4	.7								8.4	5.3
NNW	1.9	4.0	1.4	.7	.1							8.2	6.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	15.1	//////
TOTALS	22.7	32.5	20.0	8.7	.7	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-82
MONTH: FEB HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	1.7	3.4	.8	.4							8.4	6.8
NNE	.1	.7	.4	.4								1.5	7.2
NE	.1	.5	.7	.6	.1							2.0	9.2
ENE	.1	.5		.9	.2							1.8	11.3
E	.5	.6	.5	1.2								2.7	8.2
ESE	.6	1.1	.4									2.0	4.5
SE	.1	.7	.4									1.2	5.7
SSE	.4	.8	.9	.4								2.5	7.1
S	1.2	2.7	2.5	.2								6.6	5.7
SSW	3.1	4.5	2.1	1.5								11.2	6.0
SW	2.7	3.8	1.4	.7								8.6	5.2
WSW	1.9	1.3	1.1	.2	.1							4.6	4.9
W	2.1	3.4	1.1	.6								7.2	5.0
WNW	2.6	1.9	1.7	1.2								7.3	6.1
NW	2.6	2.6	2.4	1.1			.1					8.7	6.4
NNW	1.5	3.3	2.5	.5								7.6	5.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.0	//////
TOTALS	21.7	30.0	21.0	10.3	.8		.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	2.8	4.8	1.1	.5	.1						10.6	7.8
NNE	.5	.8	.7	.6								2.6	7.3
NE	.2	.6	.7	1.9	.2							3.7	10.5
ENE	.1	.6	.2	.7								1.7	9.2
E	.8	1.4	.6	1.7								4.5	7.7
ESE	.1	.5	.8	.2								1.7	7.3
SE	.1	.4	.7									1.2	6.7
SSE	.1	.5	.6	.1								1.3	7.3
S	.2	2.4	2.4	1.9								6.9	8.2
SSW	2.1	4.7	3.4	2.1	.1							12.5	7.0
SW	3.0	3.8	2.0	1.5								10.3	5.9
WSW	1.5	1.7	2.7	.7	.2							6.9	6.8
W	.5	1.1	1.7	.9								4.1	7.9
WNW	.6	1.3	1.5	.9								4.3	7.4
NW	1.4	2.9	3.0	1.3	.4							9.3	7.6
NNW	.7	2.2	3.5	2.5	.1			.1				9.2	8.7
VARIABLE													
CALM												8.3	
TOTALS	13.4	27.5	29.4	18.6	1.5	.1		.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726345 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	3.5	4.8	2.9	.1							11.9	8.4
NNE	.6	1.4	1.3	2.6								5.9	8.9
NE	.6	1.3	.6	1.3	.1							3.9	8.1
ENE	.2	2.4	.9	1.9								5.4	8.5
E	.7	2.8	1.0	.7								5.4	6.5
ESE	.5	.9	1.2	.1								2.7	6.2
SE	.7	.1	.8	.1								1.8	5.9
SSE	.2	1.3	1.1	.2								2.8	6.8
S	.4	2.0	3.4	2.4								8.2	8.6
SSW	.5	3.7	4.1	3.1	.2							11.6	8.6
SW	.4	3.3	3.0	2.1	.2							9.0	8.6
WSW	.5	1.4	.9	2.2	.2							5.3	9.7
W	.5	.5	2.6	1.9	.1	.1						5.8	9.8
WNW	.2	1.4	1.3	1.5	.1							4.6	9.1
NW	.2	.8	2.6	1.8	.1	.1						5.7	9.7
NNW	.7	1.3	2.8	1.8		.4						7.0	9.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.0	//////
TOTALS	7.4	29.3	33.0	26.5	1.3	.6						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 79-87
MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	2.6	3.8	3.1	.1							11.0	8.3
NNE	.5	.9	1.8	1.7								4.8	8.8
NE	.1	1.2	2.2	1.2	.4							5.1	9.0
ENE	1.8	2.5	1.4	1.3								7.0	6.4
E	.6	2.6	2.7	.2								6.1	6.5
ESE	.1	1.8	1.1									3.0	5.7
SE	1.4	2.2	.6									4.3	4.4
SSE	.6	1.2	.8	.1								2.7	5.9
S	.4	2.6	6.1	2.8	.2							12.2	8.9
SSW	.7	1.2	3.[illegible]	3.[illegible]								8.5	9.3
SW	.6	1.1	2.0	2.0	.1							5.8	9.2
WSW	.4	.9	.5	2.2	.4	.1						5.0	10.4
W	.7	.6	3.1	1.8	.1							6.3	9.1
WNW	.4	.7	2.1	1.4	.7							5.3	10.3
NW	.1	1.5	3.5	.7	.7							6.6	9.1
NNW	.6	1.5	1.2	.5		.4						4.1	8.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.2	//////
TOTALS	10.3	25.2	36.8	22.3	2.7	.5						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	TOTAL %	MEAN WIND
N	2.4	3.7	2.[illegible]	1.4	.2							10.5	6.5
NNE	1.5	.9	1.[illegible]	.[illegible]								4.6	5.7
NE	.4	.5	.7	1.[illegible]								3.2	8.7
ENE	.4	.9	.5	1.1								2.8	7.8
E	.9	1.7	.6	.[illegible]								3.4	5.2
ESE	.8	1.1	.6									2.5	4.7
SE	1.1	.8	.2									2.1	3.9
SSE	1.1	1.9	.4	.1								3.4	4.6
S	1.9	4.3	5.1	.9	.1							12.3	6.6
SSW	.8	3.1	3.4	2.9	.2							10.4	8.3
SW	1.2	1.7	1.[illegible]	.6	.1							4.8	6.2
WSW	.9	.9	1.7	.5								4.0	6.5
W	.9	3.1	2.5	1.4	.2	.1						8.2	7.7
WNW	1.4	1.7	1.2	1.1								5.4	6.6
NW	1.4	.6	1.2	1.1	.1							4.5	7.4
NNW	1.3	1.7	.8	.5	.2							4.1	6.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.2	//////
TOTALS	18.4	26.4	25.[illegible]	13.9	1.[illegible]	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 79-87
MONTH: FEB HOURS(EST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	TOTAL %	MEAN WIND
N	1.7	1.0	2.7	.7								6.7	5.9
NNE	.7	.1	.7	.7	.4							2.6	5.8
NE	.1	.4	.7	.								1.8	5.5
ENE	.2		.7	.3	.1							1.3	10.9
E	.2	1.5	1.7									3.7	6.5
ESE	.8	.4	.4									1.6	4.5
SE	.7	.5	.4									1.6	4.2
SSE	.3	.1		.1								1.3	4.1
S	1.5	1.5	1.5	1.2								7.1	6.7
SSW	2.2	.4	2.4	2.4	.2	.2						11.0	6.2
SW	1.5	1.7	1.3	1.1								7.3	6.1
WSW	1.1	1.1	1.3									4.5	5.1
W	2.2	2.2	1.5	.7	.1							6.9	5.4
WNW	2.0	1.2	.3	.2	.1							5.0	5.8
NW	1.8	1.5	2.2	.7	.1							7.6	6.5
NNW	1.3	1.1	1.5	.7	.1							7.8	6.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	19.3	//////
TOTALS	19.7	15.1	20.7	11.2	1.2	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 79-87
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	2.7	3.2	1.3	.2	.0						9.2	7.2
NNE	.5	.7	1.1	1.0	.1	.0						7.4	8.4
NE	.3	.7	.8	1.0	.1							2.9	8.9
ENE	.4	1.0	.5	1.1	.1							3.2	8.4
E	.5	1.6	1.2	.4								4.7	6.7
ESE	.4	.9	.7	.2								2.2	5.6
SE	.6	.9	.5	.2								2.2	4.9
SSE	.6	1.0	.6	.1								2.4	5.5
S	1.1	2.5	3.1	1.3	.0							8.2	7.2
SSW	1.9	3.6	3.7	2.5	.1	.0						11.7	7.4
SW	1.7	3.0	1.2	1.2	.1							7.8	6.5
WSW	1.3	1.7	1.3	.8	.1	.0						5.3	6.7
W	1.5	2.1	2.1	1.1	.1	.0						6.9	6.9
WNW	1.6	1.7	1.5	1.2	.1							5.9	6.8
NW	1.9	1.9	2.2	1.1	.2	.0	.0					6.9	7.3
NNW	1.9	2.5	2.0	.7	.1	.1		.3				7.7	7.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.6	//////
TOTALS	16.9	28.7	26.1	15.1	1.2	.2	.0	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 00.0-23.00

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	TOTAL %	MEAN WIND
N	2.4	1.6	2.5	1.1	.1							8.1	6.7
NNE	.4	.9	.5	.9								2.7	7.8
NE	.1	1.3	.5	1.5	.4							4.2	10.1
ENE	.4	.6	.9	1.5	.3							3.2	9.1
E	.8	.9	.8	.1								2.5	5.7
ESE	.6	1.1	1.2									2.9	5.6
SE	.1	.4	.3	.1								1.0	6.6
SSE	.6	.5	.4	.1								1.7	5.9
S	.8	1.5	3.1	1.2	.1							6.8	8.0
SSW	1.4	1.5	2.2	1.5	.2							6.3	7.1
SW	1.5	2.2	1.5	.2	.1							6.6	6.6
WSW	2.3	2.2	1.7	.2	.1							6.8	5.0
W	2.6	1.7	1.4	.9								6.6	5.6
WNW	1.7	1.5	2.1	.5								6.3	6.3
NW	1.3	2.1	1.5	1.1	.8							8.7	7.9
NNW	1.7	2.7	1.4	.5	.1							6.5	6.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	20.0	//////
TOTALS	18.4	33.7	23.5	11.5	2.3							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WOODSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0500-0530

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	3.0	2.1	1.[illegible]	.2							9.0	7.0
NNE	.8	1.4	1.1	.3	.1	.2						4.3	8.0
NE	.3	1.0	.3	1.3								2.9	9.3
ENE	.3	.6	1.4	1.	.1	.2						3.7	10.2
E	.4	.9	.4	.3								1.9	5.9
ESE	.8	.5	.3	.1								1.7	5.5
SE	.1	.4	.1									.6	5.0
SSE	1.0	.3	.3									1.6	5.8
S	1.8	2.1	2.1	.3								6.9	5.7
SSW	1.7	1.7	3.3	1.7								7.8	7.9
SW	2.0	1.0	1.4	.3								6.0	5.5
WSW	1.4	1.0	.6	.2								3.2	4.8
W	1.8	2.3	1.3	.5	.3	.1						7.2	6.6
WNW	1.5	1.5	1.1	.6	.1							6.3	6.2
NW	2.2	2.4	2.3	.9	.5							8.7	7.0
NNW	1.3	1.3	1.7	1.1								6.3	6.7
VARIABLE													
CALM												21.6	
TOTALS	18.7	20.7	21.4	11.3	1.4	.5						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	2.5	2.2	1.5	.4							8.4	7.3
NNE	.9	1.8	1.1	1.7	.2	.1						5.8	7.9
NE	.4	.9	1.2	1.7	.2							4.4	9.5
ENE	.2	.5	.9	.8	.2	.1						2.4	9.6
E	.4	1.1	1.2	.4								3.2	6.9
ESE	.9	.2	.9									1.9	4.9
SE	.6	.3	.1									1.1	3.3
SSE	.2	.6	.5	.1								1.5	6.3
S	1.8	2.9	1.5	.6								7.3	5.9
SSW	1.6	2.7	2.3	1.3	.1							8.0	6.9
SW	1.8	2.7	1.6	.6								6.8	5.6
WSW	1.5	.6	.8	.5	.1	.1						3.5	6.7
W	1.5	1.6	1.1	.5	.2	.1						5.1	6.7
WNW	1.3	1.5	2.5	.8	.3	.1						6.5	7.6
NW	1.6	2.5	1.8	2.5	.3							8.7	7.6
NNW	1.4	2.5	2.1	1.8	.2							8.1	7.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	18.5	//////
TOTALS	18.1	24.9	21.8	13.8	2.4	.5						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726795 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	2.4	3.0	1.7	.1	.1						8.3	7.9
NNE	.9	.8	1.5	1.0	.5							5.9	9.7
NE	.3	1.3	2.5	1.9	.3							6.7	9.4
ENE	.6	1.4	1.8	1.5	.1	.1						5.2	8.1
E	.8	2.2	1.5	.4								5.3	6.6
ESE	.4	.5	.5									2.0	5.6
SE	.3	1.0	1.4	.1								2.8	6.5
SSE	.5	.6	1.1	.4								2.7	7.1
S	1.1	1.5	2.9	2.2	.2							7.8	8.4
SSW	.9	2.4	3.0	2.4	.3							8.8	8.5
SW	.6	2.0	1.5	.6	.2	.1						5.6	7.7
WSW	.6	1.3	1.5	.5	.4	.2						5.1	8.8
W	.3	.6	1.1	1.3	.5	.2						4.1	11.4
WNW	.5	.9	1.8	1.9	.8	.1						6.0	10.6
NW	.6	.5	3.8	2.4	.4	.2						9.3	9.8
NNW	1.2	2.2	3.3	3.4	.2							10.3	8.7
VARIABLE													
CALM												5.2	
TOTALS	10.6	22.0	34.5	22.4	4.2	1.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WUPTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.8	3.0	2.6	.2							7.8	9.2
NNE	.5	.8	1.9	2.3	.4							5.9	9.9
NE	.4	3.2	5.5	1.4	.5							11.1	8.3
ENE	.5	2.7	4.0	.6	.2							8.1	7.5
E	.3	3.2	2.0	.2								5.8	6.1
ESE	.8	2.7	1.5	.1								5.5	6.0
SE	.1	1.1	1.1									2.3	6.3
SSE		1.6	1.4	.3	.2							3.5	8.1
S	.4	.6	4.5	2.4	.8	.1						9.4	10.2
SSW	.2	.8	2.2	2.3	.3							5.7	10.1
SW	.2	1.1	1.8	1.9	.3							5.3	10.0
WSW	.2	1.1	1.1	1.5	.6	.4						4.9	11.7
W	.2	.5	1.8	1.9	.6							5.4	10.8
WNW	.3	.3	1.6	2.3	.6							5.4	11.5
NW	.3	1.0	2.2	3.4	.8	.2						7.8	11.5
NNW	.3	.4	2.7	1.8								5.3	9.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.9	//////
TOTALS	5.3	23.7	39.4	24.9	5.7	.8						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	.5	2.7	2.0	.3							5.8	10.1
NNE		.6	3.4	3.2	.3							7.6	10.6
NE	.4	3.0	3.0	1.8	.2							8.5	8.2
ENE	.4	3.3	3.8	.3								7.8	6.8
E	1.7	4.4	3.1	.6								9.9	5.8
ESE	.8	3.0	2.3									6.0	5.9
SE	.5	2.2	1.4	.2								4.3	6.2
SSE	.3	1.1	1.9	.3								3.7	7.6
S	.3	1.1	3.4	2.7	1.0							8.5	10.5
SSW		1.0	1.9	1.1	1.0							4.9	10.8
SW	.1	.7	1.0	1.6								3.0	10.2
WSW	.1	.2	1.5	1.8	.3	.1						4.1	11.8
W	.2	1.0	1.1	3.0	.6	.1	.1					6.6	12.2
WNW	.2	.8	1.7	3.4	1.0							7.1	12.2
NW		.3	2.4	2.0	.5	.1						5.4	11.9
NNW	.7	1.0	3.0	1.5	.2	.2						6.1	9.8
VARIABLE													
CALM												.6	
TOTALS	5.6	23.8	36.1	25.4	5.5	.5	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.6	3.2	3.1	1.2	.1							10.2	6.5
NNE	.8	2.9	2.2	.6								6.5	6.6
NE	.2	1.7	2.3	1.2								5.4	8.4
ENE	1.3	2.9	.5	.6								5.3	5.6
E	2.2	2.3	1.0	.3								5.7	4.7
ESE	1.9	1.9	1.0									4.8	4.2
SE	1.6	1.9	.8	.2								4.5	4.8
SSE	1.4	1.4	1.0	.3								4.1	5.6
S	1.0	2.4	2.4	1.3	.2	.1						7.3	8.0
SSW	.4	2.7	1.4	1.2	.4							6.1	8.2
SW	.4	1.1	.5	.3	.1							2.8	7.2
WSW	.5	1.3	1.7	.9								4.4	7.6
W	.6	1.7	2.0	1.9	.3		.1					6.8	9.2
WNW	.8	1.6	2.0	2.4	.2							7.5	9.1
NW	.9	1.3	1.7	1.3	.2	.3						6.2	9.6
NNW	.5	1.1	1.0	.6								3.9	7.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.3	//////
TOTALS	17.1	31.5	26.1	14.9	1.6	.4	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	1.9	2.7	1.3	.3							8.7	7.1
NNE	.8	1.1	.5	.5								3.1	6.4
NE	.8	1.1	1.2	.8	.2							4.0	7.6
ENE	.8	.8	1.0	1.2	.1							3.8	8.2
E	1.4	1.1	.4									2.9	3.9
ESE	.3	.6	1.2	.1								2.3	6.6
SE	.4	.4	.9									1.7	6.0
SSE	.6	.9	1.8	.3								3.7	7.2
S	1.0	1.8	2.0	1.3								6.1	7.4
SSW	1.4	1.5	2.3	1.2	.2							6.6	7.2
SW	1.9	1.6	1.8	.9	.1							6.4	6.4
WSW	1.9	1.3	.5	.2								4.0	4.8
W	1.8	2.5	1.2	.9	.1							6.4	5.8
WNW	1.2	2.5	1.9	1.5	.2							7.3	7.5
NW	1.7	1.5	2.6	2.0	.3	.1						8.3	8.2
NNW	1.5	1.7	1.4	.6								5.3	6.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	19.4	//////
TOTALS	20.1	22.3	23.7	12.7	1.6	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	2.1	2.7	1.7	.2	.0						8.3	7.6
NNE	.6	1.3	1.6	1.4	.2	.0						5.2	8.6
NE	.4	1.7	2.1	1.5	.2							5.9	8.7
ENE	.6	1.6	1.8	.8	.1	.1						4.9	7.8
E	1.0	2.0	1.4	.3								4.7	5.8
ESE	.8	1.4	1.2	.0								3.4	5.5
SE	.5	1.0	.8	.1								2.3	5.7
SSE	.6	.9	1.1	.2	.0							2.8	6.7
S	1.0	1.8	2.9	1.5	.3	.0						7.5	8.2
SSW	.8	1.8	2.4	1.5	.3							6.8	8.2
SW	1.1	1.6	1.5	.7	.1	.0						5.3	7.1
WSW	1.1	1.1	1.1	.7	.2	.1						4.4	7.7
W	1.1	1.6	1.5	1.4	.3	.1	.0					6.0	8.4
WNW	.9	1.5	2.1	1.7	.4	.0						6.6	8.8
NW	1.1	1.5	2.3	2.1	.5	.1						7.7	9.0
NNW	1.0	1.7	2.2	1.4	.1	.0						6.5	7.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.8	//////
TOTALS	14.2	24.6	28.0	17.2	3.1	.5	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	4.1	2.6	1.0								10.4	5.8
NNE	1.8	.7	1.1	1.1								4.7	6.7
NE	.7	.6	1.8	1.0								4.0	8.2
ENE	.9	1.1	.8	.8								3.2	6.4
E	.6	1.6	1.1	.2								3.4	6.2
ESE	.7	.8	.7									2.1	5.0
SE	.3	.7	.2									1.2	4.9
SSE	.7	.7	.2	.2								2.3	6.0
S	.8	1.6	1.2	1.7	.1							6.0	8.2
SSW	1.6	2.0	1.1	.2								5.3	5.3
SW	3.1	2.3	.7	.2	.2							6.6	4.6
WSW	2.6	1.5	.6	.2		.2						4.6	5.0
W	1.1	3.6	1.0	.3	.1	.1		.1				6.9	7.0
WNW	1.1	.6	1.2	.4	.1	.1						3.9	7.9
NW	1.4	1.9	2.2	1.2	.2							7.0	7.3
NNW	2.0	2.0	3.1	.4	.1							7.4	6.0
VARIABLE													
CALM												20.9	
TOTALS	22.0	26.0	20.2	9.5	.9	.4		.1				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	2.3	2.6	1.3								7.9	6.9
NNE	1.1	.7	2.1	1.2								5.1	7.8
NE	.8	1.0	1.3	.9								4.0	7.1
ENE	.9	1.1	1.2	.9								4.1	7.1
E	1.1	1.8	1.4									4.3	5.3
ESE	.9	.4	.3									1.7	4.0
SE	.3	.1	.2	.3								1.0	7.7
SSE	.6	.2	.7	.1								1.6	6.0
S	1.1	1.7	1.9	.9	.2							5.8	7.2
SSW	1.9	2.2	1.9	.3								6.3	5.8
SW	1.9	2.3	1.2	.3								5.8	4.9
WSW	2.9	1.1	.8	.4								5.2	4.7
W	1.8	2.2	1.9	.7	.1		.1	.2				6.7	7.0
WNW	1.2	1.0	1.8	.7	.3							5.0	7.7
NW	1.1	1.9	1.7	.2								4.9	5.9
NNW	2.7	3.2	3.0	.6								9.4	5.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	21.2	//////
TOTALS	22.0	23.3	24.0	8.4	.7		.1	.2				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	3.2	3.7	1.6								9.7	7.1
NNE	.8	2.2	1.7	1.8	.1							6.6	7.8
NE	.9	1.2	1.2	.9	.1							4.4	7.7
ENE	1.1	1.4	1.2	.9								4.7	7.0
E	.6	1.7	1.6	.1								3.9	6.0
ESE	.3	1.0	.8	.1								2.2	6.2
SE	.8	.6	.2	.2								1.8	5.0
SSE	.3	.2	.7	.2	.1							1.6	7.6
S	1.4	2.1	1.3	.8	.3							6.0	7.0
SSW	1.0	3.3	2.6	.6	.2							7.9	7.0
SW	1.2	2.6	1.4	.4								5.7	5.7
WSW	1.2	1.4	1.1	.3								4.1	5.7
W	1.3	2.2	2.0	.7	.1							6.3	6.6
WNW	.3	1.4	2.0	1.3	.1	.2	.1	.2				5.8	10.7
NW	1.3	1.4	2.2	1.4	.2	.1						6.8	8.0
NNW	2.3	2.9	2.8	.9								8.9	6.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.8	//////
TOTALS	16.2	29.0	26.8	12.4	1.3	.3	.1	.2				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	1.0	5.0	2.0								10.0	8.5
NNE	.4	2.1	1.7	1.3								6.0	8.2
NE	.8	2.6	2.6	1.3	.6							8.4	8.4
ENE	1.1	2.7	3.0	.6								7.6	6.5
E	2.0	2.3	2.6	.7								7.6	6.3
ESE	.8	1.4	1.7	.1								4.0	5.9
SE	.6	1.4	1.4	.3	.1							3.9	6.8
SSE	.4	.4	.4	.7								2.4	7.5
S	.2	.7	3.1	1.0	.6	.3	.1					6.0	10.6
SSW	.3	.9	4.1	1.3	.7	.1	.1					8.0	10.4
SW	.3	.6	2.7	1.7	.6	.1						5.9	10.2
WSW	.2	.9	1.1	1.5								4.0	9.6
W	.3	.8	1.4	1.7	.1							4.4	9.7
WNW	.6	.9	.4	3.0	.3	.4						5.7	11.9
NW	.2	.5	1.9	3.5	.6							6.9	10.9
NNW	.7	.9	2.5	2.3								6.7	8.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.0	//////
TOTALS	10.0	21.1	37.2	25.0	3.4	1.0	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	1.2	3.7	1.7								6.6	8.6
NNE	.2	.3	2.7	1.5	.1							4.7	9.5
NE	.4	1.3	4.5	4.7	.2							11.6	9.8
ENE	.2	2.4	6.1	1.1								9.9	8.1
E	.4	4.3	6.4	.5								11.6	7.0
ESE	.8	2.3	3.2									6.3	6.5
SE	.3	.8	2.3	.2								3.7	7.3
SSE	.3	.4	2.8	.3								4.3	8.7
S	.1	.4	2.6	3.3	1.4	.1						8.0	12.4
SSW		.4	2.6	1.7	.3	.6	.1					5.3	12.0
SW		.2	1.2	1.3	.2	.3						3.3	12.7
WSW	.2	.4	.6	2.5	.6	.1						4.2	12.3
W	.2	.6	.7	2.7	.3	.1						4.6	11.9
WNW		.6	.4	2.5	.3	.7						4.9	13.5
NW	.3	.6	1.4	1.9	.2	.3						4.8	11.7
NNW	.1	.5	2.8	2.0	.2							5.4	10.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.9	//////
TOTALS	4.1	16.8	44.0	27.9	4.0	2.2	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	.9	2.0	1.6								4.9	8.6
NNE	.1	1.2	2.6	1.7	.1							5.7	9.4
NE	.4	3.0	5.3	5.2	.2							14.2	9.2
ENE	.7	3.1	5.7	2.0								11.4	8.1
E	1.1	3.9	5.7	.3								11.0	6.6
ESE	.6	2.6	3.1	.2								6.4	6.8
SE	.8	1.7	1.9	.2								4.2	6.4
SSE	.2	1.1	2.3	.6								4.2	7.9
S	.2	1.0	3.2	4.1	.8							9.3	11.2
SSW	.1	.3	.6	.9	.7	.1						2.7	12.5
SW		.3	1.0	1.0	.4	.4	.3					3.6	14.7
WSW		.3	1.0	1.0	.6	.4						3.3	13.7
W	.2	.1	1.0	2.9	.4	.2						4.9	12.4
WNW	.1	.7	1.7	2.7	.8	.6						6.0	13.2
NW			1.4	2.2	.4							4.1	13.0
NNW		.4	1.8	.9	.1							3.3	9.6
VARIABLE													
CALM												.7	
TOTALS	5.0	20.4	39.8	27.4	4.6	1.8	.3					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1900-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	2.2	2.2	.5								7.2	6.1
NNE	1.8	3.2	4.5	1.0								10.0	6.5
NE	1.3	2.9	2.0	1.7								8.6	7.0
ENE	1.7	3.2	2.4	.7								8.0	6.1
E	2.6	3.1	1.8	.2								7.7	4.9
ESE	.9	1.7	1.0	.2	.1							3.8	6.1
SE	1.9	2.0	1.0	.1								4.6	4.8
SSE	1.7	1.6	1.1	.2								4.2	5.3
S	.9	2.6	2.8	1.2								6.9	7.3
SSW	1.2	.7	.4	1.2	.1							3.6	7.5
SW	.9	.7	.4	.2	.2	.6						2.9	10.0
WSW	.2	.7	1.5	1.6	.3	.1						3.9	10.8
W	.6	.9	2.6	1.7	.3							5.9	9.4
WNW	.9	.7	1.9	1.4	.6	.2						5.7	10.1
NW	.7	.9	1.4	2.2	.3							5.7	9.4
NNW	.8	1.0	1.2	1.2	.2							4.4	8.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.1	//////
TOTALS	18.7	28.0	26.5	18.4	2.2	.9						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	4.6	2.4	.7								10.0	5.1
NNE	1.0	1.4	1.0	.4								3.9	6.1
NE	1.4	.6	1.9	1.3	.3							5.8	8.3
ENE	1.0	1.4	.8	.9	.1							4.2	6.9
E	1.0	1.4	1.0	.1								3.6	5.5
ESE	.6	1.0	.3									1.9	4.7
SE	.7	.6	.7	.1								2.0	5.6
SSE	.7	.5	1.0	.3								2.6	6.7
S	.9	1.6	2.0	.9	.1							5.4	7.1
SSW	2.4	1.0	.6	.3	.1							4.4	4.8
SW	1.8	1.2	.5	.1	.4	.1						4.6	6.5
WSW	1.2	1.1	.8	.3		.2						3.7	6.8
W	1.0	1.6	2.0	1.2	.1	.1						6.1	8.0
WNW	.9	1.4	1.0	1.9	.2							5.3	8.5
NW	1.2	1.2	2.4	1.2	.2							6.7	8.1
NNW	1.3	1.9	2.4	.6	.2							6.4	6.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	23.4	//////
TOTALS	17.9	25.6	21.7	10.2	1.9	.4						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WOMTSMITH AFB MT

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	2.6	3.1	1.7								8.4	6.9
NNE	.9	1.5	2.1	1.3	.0							5.8	7.7
NE	.8	1.7	2.4	2.2	.2							7.7	8.5
ENE	.9	2.1	2.6	1.0	.0							6.6	7.2
E	1.2	2.1	2.7	.2								6.6	6.2
ESE	.7	1.4	1.4	.1	.0							3.6	6.0
SE	.7	.9	1.0	.2	.0							2.8	6.1
SSE	.6	.7	1.2	.4	.0							2.9	7.1
S	.7	1.4	2.2	1.7	.4	.1	.0					6.7	9.2
SSW	1.1	1.3	1.4	.3	.3	.1	.0					5.4	8.0
SW	1.1	1.3	1.2	.7	.3	.2	.0					4.8	8.0
WSW	1.1	.9	.7	1.0	.2	.1						4.1	8.3
W	.8	1.5	1.0	1.1	.2	.1	.0	.0				5.7	8.7
WNW	.6	.9	1.2	1.8	.3	.2	.0	.0				5.3	10.6
NW	.8	1.1	1.5	1.7	.3	.1						5.8	9.1
NNW	1.2	1.4	2.1	1.1	.1							6.5	7.3
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	11.1	//////
TOTALS	14.7	25.3	30.7	17.1	2.4	.9	.1	.1				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.9	1.8	1.5	1.3								7.5	6.0
NNE	1.7	1.6	.5	.5	.2							4.6	5.9
NE	1.2	1.5	.5	.5								3.8	5.5
ENE	.8	1.0	.2	.2								2.3	5.1
E	.6	.5	.2	.2								1.6	5.1
ESE	.5	.6	.1									1.3	4.0
SE	.5	.2	.2									1.1	4.6
SSE	.9	1.0		.1								1.9	3.8
S	1.5	.9	2.0	.4								4.8	6.4
SSW	3.0	2.7	.5	1.3								7.5	5.4
SW	2.5	3.0	.5	.1								6.5	4.6
WSW	2.3	1.2	.4	.1	.1							4.1	4.4
W	2.0	2.5	.2	.1								4.9	4.2
WNW	1.9	2.0	.8	.2								4.9	4.6
NW	1.5	2.4	1.2	.1								5.2	5.0
NNW	.9	2.7	1.2	.2								4.9	5.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	33.0	//////
TOTALS	24.7	29.7	11.1	5.2	.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 935

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	2.7	2.4	2.2								9.7	6.7
NNE	1.3	.5	.9	1.0	.1							3.7	7.3
NE	1.0	1.6	.4	.4								3.4	5.7
ENE	1.4	.9	.4	.3								3.0	5.0
E	1.5	.6	.2	.1								3.0	4.5
ESE	.2	.5	.1									.9	4.5
SE		.3	.1	.1								.5	7.0
SSE	.6	.9	.4									1.9	4.6
S	1.2	1.9	1.3	.1								4.5	5.2
SSW	3.2	2.0	1.4	.9								7.5	5.2
SW	1.8	3.1	.4									5.4	4.3
WSW	1.8	1.6	1.1	.1								4.8	4.9
W	2.8	2.5	1.3	.1								6.7	4.6
WNW	1.5	2.2	.8	.2								4.6	4.8
NW	1.2	1.6	.5									3.5	4.7
NNW	1.5	3.2	.5									5.3	4.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	31.2	//////
TOTALS	23.5	26.7	13.6	5.5	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	TOTAL %	MEAN WIND
N	3.4	3.7	3.2	1.9	.1							12.3	6.2
NNE	1.4	1.6	.8	1.6	.1							5.5	7.3
NE	.8	1.6	1.1	.3								3.8	6.0
ENE	.8	1.9	.5	.4								3.7	5.6
E	1.4	1.5	.7	.3								4.0	5.3
ESE	.4	.4	1.1									1.9	5.9
SE	.4	.3	.2									1.0	4.4
SSE	.5	.4	.6									1.6	5.3
S	1.9	1.6	2.8	.6								7.0	6.0
SSW	1.8	2.7	3.7	1.0								9.1	6.5
SW	1.6	1.4	.5	.3								4.1	4.9
WSW	.8	1.4	1.0	.1	.1							3.3	6.0
W	1.5	2.4	2.4	.5								6.8	6.2
WNW	.6	1.2	2.5	.0								4.5	7.5
NW	1.9	1.9	1.4	.7	.1							6.1	5.7
NNW	2.0	2.2	1.7	.1								6.2	4.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	19.1	//////
TOTALS	21.4	37.1	23.7	9.9	.4							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	2.7	3.3	2.4	.1							9.8	8.0
NNE	.4	1.6	2.3	1.4	.5							6.2	8.9
NE	1.0	2.9	2.7	.6								7.2	6.6
ENE	2.5	4.6	2.5	.6								10.6	5.8
E	.8	5.4	2.7	.2								9.0	5.9
ESE	1.1	1.7	1.5									4.3	5.5
SE	.5	.5	1.0	.1								2.4	5.6
SSE	.8	.9	1.4	.2								3.3	6.7
S	.3	1.9	3.7	2.0								8.0	8.5
SSW	.6	1.8	2.5	2.2								7.1	8.6
SW	.2	1.9	2.7	.8	.1							5.6	7.8
WSW	.6	1.2	1.5	.5	.3	.1						4.7	8.4
W	.5	.8	2.0	2.0								5.3	9.4
WNW	.5	.5	2.2	1.7								5.2	8.7
NW	.1	1.1	1.4	.9	.1							3.5	8.5
NNW	.5	1.4	2.2	.4		.2						4.8	8.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.9	//////
TOTALS	12.0	31.0	36.2	16.3	1.2	.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		1.4	3.1	2.2								6.7	9.4
NNE	.2	1.0	1.8	1.3	.2							4.5	9.4
NE	.3	1.9	5.5	2.2								9.9	8.7
ENE	.4	3.2	6.9	1.3								11.8	7.7
E	1.2	6.2	8.2	.3								15.9	6.5
ESE	.4	3.1	3.2	.1								6.9	6.7
SE	.2	1.4	1.6	.2								3.4	7.1
SSE	.1	1.7	2.5	1.2	.3							5.5	9.2
S		1.9	4.2	4.5	.5	.2	.1					11.0	10.6
SSW	.2	1.1	1.6	1.7	.1							4.7	9.5
SW	.2	.5	.9	1.2	.5	.2						3.5	11.5
WSW		.4	1.6	1.1	.4	.1						3.9	11.3
W	.1	.5	1.2	1.6	.2	.5						4.3	12.3
WNW	.1	.1	.5	1.4	.1							2.3	10.8
NW	.1	.2	1.1	1.6								2.9	10.3
NNW	.1	.5	1.6	.4		.2	.1					2.9	10.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.4	//////
TOTALS	3.8	25.5	44.1	21.1	2.5	1.3	.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	.9	2.7	1.9	.3							6.1	9.8
NNE	.2	1.1	2.2	1.7								5.2	9.0
NE	.5	3.0	5.3	2.6								11.4	8.2
ENE	.3	4.8	5.7	.9	.2							11.9	7.3
E	1.7	7.7	5.7	.7								15.5	6.1
ESE	1.1	4.2	3.5	.2								9.0	6.2
SE	.9	2.3	2.9		.1							6.1	6.5
SSE	.3	1.7	1.7	.9	.1							4.7	7.8
S	.1	.9	3.2	4.1	.4							8.7	10.9
SSW	.1	.5	.9	1.6	1.0	.2						4.1	12.4
SW		.2	.2	1.3	.3	.1						2.7	12.8
WSW	.1	.1	1.0	1.3			.1					2.6	12.0
W	.2	.2	1.7	1.6	.1	.1	.1					3.7	11.6
WNW	.1	.5	.9	1.9	.1	.1						3.5	11.5
NW	.1	.2	.9	.9	.1							1.7	10.8
NNW	.3	.4	.9	.4	.1	.3						2.5	11.6
VARIABLE													
CALM												.5	
TOTALS	6.5	28.0	37.9	27.8	2.9	.9	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	2.2	2.5	1.5	.1							8.1	7.1
NNE	.9	3.7	2.5	.3								7.4	6.6
NE	2.0	4.5	3.3	.8								10.6	6.1
ENE	2.8	4.6	2.2	.2								9.8	4.9
E	6.1	4.3	1.1	.1								11.6	3.8
ESE	2.5	3.0	1.0									6.5	4.2
SE	1.8	2.2	1.5	.1								5.1	4.7
SSE	1.3	1.4	1.1	.1								3.9	5.2
S	1.7	2.3	4.1	1.3	.1							9.5	7.0
SSW	.4	1.1	.5	1.2	.2							3.8	9.3
SW	.1	.5	1.1	.3								2.0	8.3
WSW		.4	.2	1.0	.1	.1						1.8	11.4
W	.6	.5	1.0	1.3	.2	.1						3.8	9.5
WNW	.3	.8	1.0	.3	.1							3.0	8.6
NW	.4	.4	.5	.6								2.4	8.1
NNW	.3	.2	1.0	.6		.1						2.3	9.3
VARIABLE													
CALM												8.6	
TOTALS	23.2	32.0	24.1	10.9	.9	.3						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	TOTAL %	MEAN WIND
N	3.1	1.2	2.7	1.7	.1	.1						7.8	7.4
NNE	2.2	1.7	.9	.7								4.8	5.2
NE	2.7	1.1	.8	.6								5.1	4.9
ENE	1.7	.8	.4									2.9	3.8
E	1.1	1.2	.8	.3								3.3	5.8
ESE	.3	.6	.2	.1								1.8	4.7
SE	.8	.7	.1									1.2	3.5
SSE	2.0	.5	.6									3.2	3.6
S	2.4	1.0	2.7	.5								6.6	5.9
SSW	3.7	2.4	.5	.2	.2							7.8	4.8
SW	1.6	1.1	.4									3.3	4.3
WSW	1.1	1.7	.4	.1	.1							3.2	5.2
W	1.6	2.0	.5	.7								4.5	4.7
WNW	.6	1.3	.5	.4	.1							2.8	6.7
NW	1.2	.5	.1	.3								2.1	5.8
NNW	1.5	1.4	1.5	.3								4.7	5.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	34.0	//////
TOTALS	28.2	16.3	13.4	5.5	.5	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OVER 56	TOTAL %	MEAN WIND
N	1.9	2.1	2.6	1.[illegible]	.1	.0						8.5	7.7
NNE	1.0	1.6	1.7	1.1	.1							[illegible]	7.5
NE	1.2	2.7	2.4	1.0								6.9	[illegible]
ENE	1.3	2.7	2.4	.[illegible]	.0							7.0	[illegible]
E	1.8	3.4	2.[illegible]	.2								[illegible]	[illegible]
ESE	.9	1.6	1.[illegible]	.1								4.1	[illegible]
SE	.7	1.5	.5	.1	.0							[illegible]	[illegible]
SSE	.8	1.0	1.0	.7	.1							[illegible]	[illegible]
S	1.1	1.5	1.[illegible]	1.[illegible]	.1	.0	.0					[illegible]	[illegible]
SSW	1.7	1.8	1.[illegible]	1.[illegible]	.[illegible]	.0						[illegible]	[illegible]
SW	1.0	1.5	.[illegible]	.6	.1	.0						4.1	[illegible]
WSW	.9	1.0	1.[illegible]	.[illegible]	.1	.0	.0					[illegible]	[illegible]
W	1.2	1.4	1.[illegible]	1.[illegible]	.1	.1	.0					[illegible]	[illegible]
WNW	.7	1.1	1.1	.7	.1	.0						[illegible]	[illegible]
NW	.3	1.1	1.0	.[illegible]	.0							[illegible]	[illegible]
NNW	.9	1.[illegible]	1.1	.9	.0	.1	.0					[illegible]	[illegible]
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	[illegible]	//////
TOTALS	17.9	[illegible]	25.[illegible]	[illegible]	1.1	.9	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 7443

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
417 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: DULUTH/SMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(EST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.9	2.6	.6	.1	.1							6.2	4.3
NNE	.7	.6	.3	.1								1.8	4.7
NE	.9	.7	.3									1.9	4.4
ENE	.5	.7	.3									1.5	4.9
E	.3	.2	.3									.8	3.8
ESE	.2				.1							.3	7.7
SE	.2											.2	2.0
SSE	.9	.3	.1		.1							1.7	4.7
S	3.3	2.6	2.4	.9								9.2	5.4
SSW	2.7	2.8	1.8	.3								8.4	4.8
SW	1.9	2.3	1.1	.1								7.4	5.2
WSW	1.9	1.7	.5	.3								4.4	4.5
W	2.5	1.3	.3	.3	.1							5.1	4.5
WNW	2.1	2.0	.4	.3								4.9	4.4
NW	1.7	2.1	1.3	.3	.1							5.7	5.2
NNW	2.1	1.3	.4	.3								4.9	4.5
VARIABLE													
CALM												35.7	
TOTALS	24.0	20.2	10.2	2.4	.4							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0300-0500

DIRECTION (TOWARD)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 OR MORE	TOTAL %	MEAN WIND
N	3.3	2.2	1.1	.1								7.8	4.1
NNE	.7	1.1	.1									2.0	4.7
NE	.6	.8	.4									1.8	5.4
ENE	.4	.1	.2	.1								.8	4.2
E	.7	.7	.1									1.1	4.1
ESE	.3		.1									.4	4.0
SE	.4											.4	1.5
SSE	.4	.7	.1									1.2	3.5
S	2.2	1.6	1.1	1.1								6.7	4.8
SSW	3.1	3.4	2.5	.1								9.5	4.1
SW	4.0	3.7	1.2	.1								9.7	4.1
WSW	2.3	1.9	.5	.1								5.0	4.3
W	3.6	1.9	.5	.9								7.8	4.4
WNW	1.7	1.1	1.1	.1								4.9	5.1
NW	1.0	.1	1.1		.1							4.4	5.5
NNW	2.2	.9	1.7	.7		.1						6.3	5.7
VARIABLE													
CALM												12.7	//////
TOTALS	26.7	24.1	15.7	2.7	.1	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 706

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	4.7	1.5	.2								9.9	4.4
NNE	1.0	1.2	.7	.7	.1							3.7	6.7
NE	1.2	1.1	.4	.2								3.7	6.2
ENE	.7	1.0	.4									2.1	4.7
E	1.0	1.2	.5									2.8	4.8
ESE	.7	.1	.1									.9	2.9
SE	.4	.2	.1									.9	7.0
SSE	.4	.5	.7	.1								1.7	5.1
S	1.3	3.3	2.7	.7								8.0	7.4
SSW	2.9	4.3	3.4	.7								11.1	5.5
SW	2.2	1.2	2.8	.1								7.9	5.4
WSW	1.3	1.7	1.4	.4	.1							5.0	6.3
W	2.4	1.5	2.1	.7	.2							6.9	5.7
WNW	1.7	1.7	2.2	.5								6.6	5.5
NW	2.0	1.7	2.1	.5								6.9	5.2
NNW	1.2	1.2	1.8	.5	.1							7.0	6.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	15.2	//////
TOTALS	24.1	31.0	22.6	5.2	.6							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS : 2[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1100

DIRECTION (DEG/TEN'S)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	PEAK WIND
N	1.0	1.7	2.1	.7								5.4	6.8
NNE	.7	1.2	2.8	1.2								6.0	8.0
NE	.8	1.9	1.4	.9								5.0	7.0
ENE	1.1	2.2	2.4	.3								6.2	6.2
E	2.0	3.7	1.4	.1								7.2	4.9
ESE	1.3	3.4	1.0									5.4	5.0
SE	.6	.7	.4									1.8	5.0
SSE	.9	.9	1.2	.3								3.2	6.6
S	1.7	3.9	3.9	2.1								10.6	7.5
SSW	.7	3.0	5.1	2.6								11.1	8.2
SW	.3	1.4	2.2	1.9	.2							6.1	8.3
WSW	.4	1.7	3.1	1.1								6.2	7.7
W	.9	1.7	2.7	2.7								7.0	9.3
WNW	.6	1.7	3.1	.1	.1							5.6	8.5
NW	.7	1.1	2.1	1.1								5.7	8.1
NNW	.6	1.1	2.7	.7								5.7	7.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.9	//////
TOTALS	14.3	29.8	34.3	16.9	.3							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	.3	1.8	1.1	.1							4.1	8.8
NNE	.4	.7	1.5	1.1								4.1	8.5
NE	.6	1.8	3.5	1.1								6.1	7.8
ENE	.4	2.7	4.6	1.5								9.1	7.5
E	.6	4.5	5.1	.1								10.6	6.7
ESE	.1	3.2	3.7									7.0	6.5
SE	.4	2.7	1.5									4.7	6.2
SSE	.7	1.8	1.5	1.7								5.7	8.2
S	.3	2.2	5.5	5.7	.3							13.7	9.9
SSW	.2	.7	3.5	2.1	.2	.1						7.1	10.0
SW	.4	.7	1.5	1.7	.3							4.9	10.0
WSW	.2	1.0	1.1	1.9	.6	.2						5.0	10.8
W	.2	.5	2.7	2.7	.3	.1						6.4	10.7
WNW	.1	.2	2.1	1.2	.2							3.9	10.[illegible]
NW	.1	.4	1.6	1.7	.2							4.0	10.4
NNW	.1	1.0	1.1	.4								3.1	8.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.7	//////
TOTALS	5.3	24.8	44.2	22.1	2.3	.4						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	.9	1.1	.9	.1							3.4	8.1
NNE	.3	1.8	1.8	.7								4.6	7.2
NE	.8	3.0	3.0	1.7								8.4	7.6
ENE	.9	4.4	4.7	.4								10.4	6.6
E	1.3	6.4	4.3									12.0	5.8
ESE	1.0	3.7	2.3									7.0	5.7
SE	.3	2.1	2.6	.1								5.1	6.7
SSE	.3	1.2	1.7	.9								4.1	7.9
S	1.0	2.3	4.5	4.8	.2							13.2	9.4
SSW	.4	.8	2.7	1.5	.7	.1						6.6	10.4
SW	.1	.2	1.4	1.3	.1	.1						3.8	11.0
WSW	.2	.7	1.2	.7	.1	.1						2.7	10.0
W		.4	2.5	2.2	.7							6.2	11.1
WNW	.2	.4	2.6	1.2	.3	.1						4.9	10.5
NW	.3	.1	1.6	2.1	.1							3.7	10.4
NNW	.1	.3	.5	.3								2.2	9.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.7	//////
TOTALS	7.9	28.6	38.5	20.2	2.3	.4						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	1.9	2.1	.7								6.6	6.1
NNE	2.3	2.8	1.8	.1								7.0	5.2
NE	2.9	3.7	2.4	.2								9.2	5.1
ENE	2.0	2.9	1.0									5.9	4.5
E	5.1	3.9	.4									9.4	3.5
ESE	2.7	2.3	.3	.1								5.4	3.7
SE	2.8	1.7	.4									4.9	3.7
SSE	2.1	1.8	1.7	.1								5.7	4.9
S	1.9	2.9	3.7	.9								9.3	6.5
SSW	.4	1.9	2.7	.9								5.3	7.5
SW	.4	.7	1.1	1.1	.2							3.2	9.2
WSW	.4	.7	.8	.7								2.6	7.4
W	.1	1.1	1.9	.7	.6							4.3	9.7
WNW	.4	1.7	3.1	.7	.2							5.8	7.9
NW	.6	.7	1.2	.3	.1							3.3	8.1
NNW	.4	.6	1.1	.2								2.3	6.6
VARIABLE													
CALM												9.7	
TOTALS	26.6	30.0	25.7	7.3	1.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 903

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.7	1.6	.7	.1								6.0	3.7
NNE	1.2	.6	.6	.1								2.4	4.5
NE	1.7	.8	.4									2.9	3.3
ENE	1.7	.6		.1								2.3	3.3
E	1.1	.8										1.9	2.9
ESE	1.0	.2										1.2	2.2
SE	.6	.6	.1									1.2	4.1
SSE	1.2	1.0	.7	.1								3.0	4.9
S	2.6	2.0	2.7	.3								7.6	5.5
SSW	4.2	2.0	1.2	.1								7.6	4.2
SW	3.0	2.0	1.2	.1								6.3	4.3
WSW	1.7	.9	.6	.1								2.8	4.2
W	2.2	1.1	.8	.1								4.2	4.4
WNW	1.6	1.1	.8	.2								3.7	4.8
NW	1.9	1.6	.7	.6								5.1	5.6
NNW	1.8	1.4	.2									3.6	3.7
VARIABLE													
CALM												37.4	
TOTALS	31.0	18.7	10.7	2.5								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	2.1	1.4	.7	.0							6.2	5.4
NNE	.9	1.2	1.2	.5	.0							3.9	6.5
NE	1.2	1.7	1.5	.6								4.9	6.2
ENE	.9	1.8	1.7	.3								4.8	6.0
E	1.5	2.7	1.5	.0								5.7	5.1
ESE	.9	1.6	.5	.0	.0							3.5	5.1
SE	.7	.9	.7	.0								2.4	5.2
SSE	.9	1.2	1.0	.4	.0							3.4	6.2
S	1.7	2.5	3.5	2.0	.1							9.8	7.5
SSW	1.8	2.4	2.5	1.1	.1	.0						8.3	6.8
SW	1.9	1.7	1.0	.8	.1	.0						6.0	6.3
WSW	1.1	1.1	1.3	.5	.1	.0						4.2	6.9
W	1.4	1.3	1.7	1.1	.2	.0						5.8	7.6
WNW	1.0	1.2	1.5	.6	.1	.0						4.9	7.2
NW	1.0	1.4	1.4	.9	.1							4.8	7.0
NNW	1.1	1.7	1.2	.5	.0	.0						4.5	6.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.9	//////
TOTALS	20.2	26.5	25.5	9.3	.9	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 7266

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	2.6	.5	.2								5.7	4.1
NNE	.5	.8										1.3	3.6
NE	.4	.1	.2									.5	4.1
ENE	.3	.8										1.1	4.1
E	.5	.8	.1									1.4	3.8
ESE	.1											.1	2.0
SE	.3	.2	.2									.8	4.6
SSE	.1	.3	.1									.5	5.0
S	2.6	2.2	1.7	.6								7.2	5.4
SSW	3.2	2.8	1.6	.2								7.8	4.4
SW	4.0	1.5	.9	.1								6.5	3.8
WSW	2.3	.9	.2	.1	.1							3.8	4.4
W	2.8	1.7	.7	.2	.1							5.2	4.1
WNW	2.1	1.2	.6	.1								5.7	3.9
NW	2.7	1.9	1.2									5.8	4.3
NNW	2.4	2.4	1.6									6.3	4.9
VARIABLE													
CALM												49.1	
TOTALS	27.9	20.6	9.4	1.5	.2							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	2.4	.5									5.2	4.0
NNE	.6	.5	.2									1.4	4.1
NE	.2	.5	.1									.9	4.8
ENE	.5	.2										.8	3.0
E	.3	.2		.1								.6	4.3
ESE		.3										.3	4.7
SE	.1	.4										.5	4.4
SSE	.4	.1	.2	.1								.7	5.1
S	2.4	2.7	1.2	.2								6.5	4.9
SSW	2.5	3.9	1.2	.4								8.0	4.8
SW	3.2	2.7	1.0	.1								7.0	4.2
WSW	2.2	1.7	.6	.4	.1							5.1	5.1
W	2.7	.9	.9		.2							4.6	4.5
WNW	2.8	2.7	.5	.3								6.3	4.3
NW	2.5	2.6	1.2									6.3	4.6
NNW	1.6	2.0	1.4									6.2	5.0
VARIABLE													
CALM												39.5	
TOTALS	24.3	24.9	9.4	1.7	.3							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	3.1	1.1	.1								6.8	4.6
NNE	.9	.6	.4									1.9	4.2
NE	.9	1.1	1.0									2.8	5.1
ENE	.3	.5										.9	4.0
E	.5	.7	.2									1.2	4.5
ESE	.2	.1										.3	3.7
SE		.3										.3	4.7
SSE	.9	.9		.1								1.6	4.3
S	1.9	2.9	1.5	.6								7.5	5.9
SSW	2.7	4.4	2.0	.7								9.5	5.1
SW	4.3	3.5	2.0	.1								10.0	4.4
WSW	2.6	1.9	.5	.2								5.5	4.3
W	2.9	2.9	1.5	.1	.1							5.8	5.1
WNW	2.2	2.5	1.4	.5								6.6	5.2
NW	2.7	2.7	2.0	.5								8.7	5.5
NNW	2.3	4.5	2.2	.1								8.5	5.1
VARIABLE													
CALM												22.2	
TOTALS	26.5	30.9	17.5	3.0	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	3.9	2.7	.3								8.9	6.1
NNE	1.0	1.6	1.3	.2								4.1	5.7
NE	.9	1.3	1.6	.1								3.9	5.7
ENE	1.4	1.9	.5	.1								4.3	5.1
E	1.2	2.6	1.9									5.7	5.5
ESE	.5	1.0	.3									1.8	4.7
SE	.2	1.0	.3									1.5	4.6
SSE	.9	1.7	1.0	.1								3.7	5.3
S	2.0	4.2	4.3	1.1	.1							11.7	6.7
SSW	1.4	3.2	3.2	1.8								9.7	7.3
SW	1.4	2.7	3.7	1.4	.1							9.2	7.1
WSW	.8	2.5	2.5	.8	.1	.1						6.7	7.4
W	1.0	1.8	2.4	.9								6.0	6.8
WNW	.6	2.2	1.7	.4								4.9	6.5
NW	.5	2.0	2.3	1.2								6.0	7.7
NNW	1.3	2.6	2.6	.5								7.0	6.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.8	//////
TOTALS	16.7	36.1	32.6	9.4	.3	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1300-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	1.4	1.9	.7								3.9	7.0
NNE	.2	.9	1.5	.2								2.7	7.4
NE	.1	2.5	2.5	.9								5.9	7.4
ENE	.2	3.3	4.8	.1								8.3	7.0
E	1.9	5.8	5.4	.3								13.4	6.2
ESE	.1	3.4	2.5	.1								6.6	6.5
SE	.4	1.5	.9									2.8	6.5
SSE	.2	2.2	3.5	.7								6.6	7.4
S	.9	3.9	5.2	4.4	.2							14.5	8.8
SSW	.6	1.7	3.8	1.9								8.0	8.3
SW	.2	1.5	3.1	1.5								6.3	8.5
WSW	.2	.6	2.3	2.2	.2							5.5	9.9
W		.8	2.8	.8	.1							4.0	9.2
WNW	.3	.5	1.3	.9								3.0	8.4
NW	.3	.6	1.2	.3								2.5	7.4
NNW	.1	.9	3.1	.8								4.9	8.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.5	//////
TOTALS	6.1	31.4	45.8	14.7	.5							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	TOTAL %	MEAN WIND
N	.2	.9	2.0	.3	.1							4.1	8.9
NNE		1.2	1.5	.1								3.0	7.2
NE	.6	1.6	2.5	.9	.1							5.7	7.9
ENE	.8	4.6	3.1	.8								9.3	6.4
E	1.6	5.4	4.1	.2								11.3	6.6
ESE	1.0	3.2	3.2	.1								7.6	6.0
SE	.5	2.7	2.7	.1								6.0	6.3
SSE	.6	2.5	3.1	.9	.1							7.2	7.3
S	.9	3.3	8.6	4.5	.1							17.3	8.9
SSW	.2	1.2	3.3	1.5	.1							6.5	9.0
SW		1.0	1.7	1.1		.1						3.9	9.2
WSW	.1	.6	1.5	1.6								4.3	9.6
W		1.1	1.7	1.1	.8							5.2	10.0
WNW		.2	.5	.6								1.7	9.6
NW	.2	.5	1.8	.3								3.0	9.1
NNW	.5	.8	1.5	.1								2.9	6.6
VARIABLE													
CALM												1.2	
TOTALS	7.3	31.7	43.8	14.9	1.3	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WORTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	1.7	2.4	.8								6.2	6.4
NNE	1.6	2.4	1.4	.8								6.0	5.8
NE	1.1	1.9	1.5									4.5	5.2
ENE	1.9	2.8	.8									5.5	4.3
E	3.3	4.4	.3									8.1	4.0
ESE	2.9	1.9	.9									5.7	3.5
SE	2.2	2.6	1.1	.1								5.9	4.4
SSE	2.9	2.7	1.5	.1								6.5	4.4
S	3.3	5.5	4.7	.6								14.0	5.9
SSW	1.7	2.7	2.7	.5								7.6	6.1
SW	.9	1.7	.5	1.6								4.6	7.8
WSW	.6	1.5	1.7	.6	.1							4.0	7.1
W	.6	1.4	.9	1.0		.1						4.0	7.9
WNW	.5	.6	.5	.5								2.2	6.2
NW	.3	1.2	.9	.4								2.8	6.8
NNW	.5	1.0	.5	1.2								3.2	7.4
VARIABLE													
CALM												8.9	
TOTALS	25.5	35.7	22.7	7.4	.1	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL %	MEAN WIND
N	2.4	2.4	.5	.2								5.5	4.6
NNE	.6	.5	.1	.1								1.4	4.7
NE	1.3	1.2	.2									2.7	4.[illegible]
ENE	.6	.3	.2									1.1	4.1
E	.6	.5	.4									1.5	4.5
ESE	.3	.4	.2									1.1	4.9
SE	.4	.9	.1									1.4	4.5
SSE	1.4	.6	.4									2.4	4.0
S	3.0	2.4	2.1	.2								7.7	4.9
SSW	4.2	4.2	.1	.1								9.5	4.1
SW	3.4	3.2	.9	.1								7.7	4.0
WSW	2.3	1.1	.1	.2								3.5	3.9
W	2.0	1.9	.2	.3								4.6	4.4
WNW	1.2	.5	.3	.1								2.9	4.2
NW	1.6	1.3	.5	.3								4.0	4.5
NNW	2.3	1.7	.1									4.2	4.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	36.7	//////
TOTALS	23.7	24.7	9.1	1.4								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 931

GLOBAL CLIMATOLOGY BRANCH
CARETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

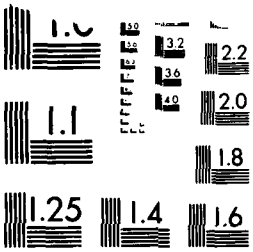
PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	[illegible]	1.[illegible]	[illegible]	.0							5.8	5.6
NNE	.7	1.0	[illegible]	[illegible]								2.8	5.7
NE	.7	1.3	1.[illegible]	.2	.0							3.4	6.0
ENE	.8	1.9	1.[illegible]	.1								3.9	5.7
E	1.2	2.5	1.[illegible]	.1								5.4	5.4
ESE	.6	1.[illegible]	1.0	[illegible]								2.9	5.4
SE	.5	1.2	[illegible]	[illegible]								2.4	5.2
SSE	.9	1.7	1.[illegible]	.2	.0							3.7	5.9
S	2.1	5.3	3.7	1.6	.1							12.8	6.9
SSW	2.1	3.0	2.[illegible]	.9	.0							8.3	6.0
SW	2.2	2.7	1.[illegible]	.3	.0	.0						6.9	5.8
WSW	1.9	1.3	1.[illegible]	[illegible]	.1	.0						4.8	6.6
W	1.9	1.[illegible]	1.[illegible]	.5	.2	.0						4.9	6.4
WNW	1.9	1.9	1.[illegible]	.4								4.2	5.5
NW	1.9	1.0	1.[illegible]	.4								4.9	5.9
NNW	1.9	[illegible]	1.[illegible]	[illegible]								5.5	5.7
VARIABLE													
CALM												19.3	
TOTALS	20.[illegible]	35.[illegible]	27.5	7.[illegible]	.4	.0						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 7443

AD-A183 304 WURTSMITH AFB MICHIGAN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 12 JUN 87 2/4

UNCLASSIFIED USAFETAC/DS-87/043 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	1.6	.4									3.4	4.1
NNE	.3	.9	.1									1.3	4.3
NE		.4	.2	.2								.9	7.5
ENE	.3	.2	.4									1.0	5.9
E	.6	.9	.1									1.6	3.7
ESE	.5	.3	.1									1.0	3.4
SE	.3	.2	.6	.1								1.3	6.3
SSE		1.3	1.0									2.3	6.0
S	2.7	2.7	1.7	.1								7.2	4.6
SSW	3.5	2.4	.6									6.5	3.5
SW	3.3	2.7	.4	.2								6.7	3.8
WSW	3.1	1.3	.2	.1								4.7	3.4
W	3.5	2.4	.3	.2								6.5	3.6
WNW	2.6	1.6	.6	.2	.1							5.2	4.5
NW	2.4	1.7	.5	.2								4.8	4.3
NNW	1.9	3.1	.5									5.6	4.1
VARIABLE													
CALM												40.2	
TOTALS	26.7	23.7	8.0	1.4	.1							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	2.3	.6									4.3	4.6
NNE	.9	.3	.1									1.3	3.2
NE	.2	.2	.2									.6	5.0
ENE	.2	.3	.4	.1								1.1	5.9
E	.6	.8	.1	.1	.1							1.7	5.4
ESE	.2	.1		.1								.4	5.8
SE	.3	.1	.2									.6	4.7
SSE		.6	.3									1.0	6.6
S	2.8	2.4	1.4	1.0	.1	.1						7.7	5.8
SSW	3.4	3.5	1.2	.1								8.3	4.2
SW	4.3	1.8	.4									6.6	3.2
WSW	3.5	.9	.8	.1								5.3	3.6
W	2.8	3.2	.8	.1								6.9	4.0
WNW	3.2	1.3	.3	.2								5.1	3.4
NW	3.3	1.8	.9	.2								6.2	4.0
NNW	2.5	3.4	.4									6.3	3.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	36.6	//////
TOTALS	29.7	23.1	8.3	2.0	.2	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	2.5	1.4									5.7	4.7
NNE	.2	.4	.4									1.1	5.8
NE	.2	.2	.4									.9	5.6
ENE	.4	.8	.4	.1	.1							1.8	6.8
E	.8	.4			.1							1.3	4.3
ESE	.4	.4										.9	3.8
SE	.2	.1										.3	3.0
SSE	.6	.6	.5									1.8	4.6
S	2.8	3.1	1.2	.5	.1	.1						7.8	5.3
SSW	4.4	4.3	1.8	.5	.1							11.2	4.9
SW	2.2	3.3	1.9	.1								7.5	5.2
WSW	1.7	1.7	1.6									5.1	4.7
W	3.4	2.8	1.5	.4								8.2	4.6
WNW	2.6	1.1	1.2	.2								5.1	4.4
NW	3.8	3.2	1.6	.2								8.8	4.6
NNW	1.7	3.2	1.0	.1	.1							6.1	4.9
VARIABLE													
CALM												26.5	
TOTALS	27.3	26.3	15.1	2.3	.5	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	3.1	2.7	.3								8.6	5.5
NNE	.9	.9	1.3	.7								3.3	6.0
NE	.8	1.2	1.8	.3								4.1	6.7
ENE	1.2	1.1	.9	.1		.1						3.3	5.7
E	1.3	3.0	1.1	.1								5.5	4.9
ESE	.4	.9	.4									1.7	4.9
SE	.8	.8	.4									1.9	4.3
SSE	.6	1.6	.4	.1								2.8	5.0
S	2.7	3.4	4.1	1.3								11.5	6.5
SSW	2.2	3.1	4.8	2.2	.1							12.4	7.4
SW	2.0	2.5	2.5	1.1	.2							8.3	6.6
WSW	1.2	2.7	2.3	1.3								7.4	7.1
W	1.1	2.8	1.5	.9	.1							6.3	6.5
WNW	.9	1.7	2.2	1.4								6.1	7.9
NW	.8	1.7	1.6	.4								4.7	6.7
NNW	1.8	2.7	1.5	.3	.1							6.8	5.7
VARIABLE													
CALM												5.2	
TOTALS	21.0	33.1	30.0	10.1	.5	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.7	1.9	.4	.1							5.1	6.7
NNE	.4	1.0	2.4	.5								4.3	7.8
NE	.5	1.4	2.3	.5	.1							4.9	7.6
ENE	.5	3.1	3.1		.1							6.9	6.4
E	1.3	7.8	3.0	.1								12.3	5.5
ESE	.6	3.8	1.3									5.7	5.3
SE	.3	2.3	1.3									3.9	6.0
SSE	.6	1.8	1.2	.2								3.9	6.2
S	1.2	3.0	6.0	2.8	.1							13.1	8.2
SSW	.9	2.6	4.5	2.3	.1							10.6	8.3
SW	.8	1.6	2.8	1.1								6.2	7.5
WSW	.4	.8	3.0	1.1								5.3	8.6
W	1.0	1.0	3.2	1.3	.1	.1						6.7	8.4
WNW	.3	.5	1.0	1.1	.2							3.1	9.8
NW	.5	.9	1.4	.6								3.5	7.9
NNW	.3	1.2	1.2	.4	.1							3.3	7.9
VARIABLE													
CALM												1.1	
TOTALS	10.6	34.4	40.1	12.7	1.0	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726396 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.1	2.2	.2								3.7	7.4
NNE	.4	1.2	3.4	.9	.1							6.0	8.1
NE	.1	1.0	2.5	.2								4.7	6.9
ENE	.6	3.8	3.2	.3								8.0	6.4
E	1.8	6.5	3.9	.1								12.3	5.6
ESE	1.0	3.8	1.8	.2								6.8	5.7
SE	.4	3.1	2.4									5.9	6.0
SSE	.6	3.1	2.2	.4								6.3	6.3
S	1.4	2.4	6.5	2.7	.1							13.4	9.3
SSW	.5	1.7	2.8	1.6	.4							7.1	8.8
SW	.5	.3	2.0	.9	.2							4.0	8.6
WSW	.8	1.0	2.3	1.3								5.3	8.1
W	.5	1.7	2.5	1.4	.1							6.2	8.2
WNW	.3	.5	1.2	1.2	.2							3.4	9.3
NW	.2	.8	.9	.9	.3							3.0	9.7
NNW	.3	.6	.8	.5								2.2	7.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.6	//////
TOTALS	9.9	33.4	40.8	13.8	1.5							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 935

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.4	2.2	1.4	.1								6.0	4.6
NNE	1.3	3.1	1.8	.1								6.3	5.3
NE	.9	2.0	1.3	.2								4.4	5.9
ENE	1.7	2.4	1.1	.1								5.3	4.8
E	4.5	3.5	.6									8.7	3.6
ESE	2.0	2.4	.5									4.9	3.9
SE	2.0	2.5	1.8	.1								6.5	4.9
SSE	2.7	2.8	1.0									6.5	4.0
S	2.8	4.2	1.7	.6								9.4	5.2
SSW	1.6	2.4	1.4	.4	.1							5.9	5.9
SW	1.0	1.2	1.0	1.2								4.3	7.4
WSW	1.9	1.3	1.0	.4								4.6	5.2
W	1.2	1.9	1.4	.3								4.8	5.8
WNW	.9	1.1	1.2	.9	.2							4.2	7.6
NW	1.5	1.0	.4	.5								3.4	5.4
NNW	.4	1.0	.5	.2								2.5	6.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	12.3	//////
TOTALS	28.8	34.9	18.0	5.7	.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.6	1.8	.1									4.5	3.3
NNE	1.2	.6	.3									2.2	3.9
NE	.8	.5	.5									1.8	5.1
ENE	.9	.3	.2									1.4	3.7
E	1.1	1.4	.3									2.8	4.1
ESE	.9	.4	.2	.1								1.5	4.9
SE	1.2	.9	.6									2.8	4.5
SSE	2.0	.9	1.2									4.1	4.4
S	2.8	2.0	.5	.4								6.1	4.9
SSW	2.8	1.8	.6									5.3	3.7
SW	3.4	1.7	1.1	.5								6.8	4.6
WSW	4.3	1.7	.6	.1								6.8	3.5
W	2.4	2.4	.6									5.4	3.9
WNW	1.7	.8	.6	.2								3.3	4.6
NW	2.9	1.0	.3	.2	.1							4.5	4.0
NNW	2.7	1.2	.2									4.1	3.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	36.7	//////
TOTALS	33.4	19.5	8.7	1.6	.1							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	2.0	1.4	.1	.0							5.2	5.1
NNE	.7	1.0	1.2	.2	.0							3.2	6.2
NE	.4	1.0	1.2	.2	.0							2.8	6.6
ENE	.7	1.5	1.2	.1	.0	.0						3.6	5.9
E	1.5	3.0	1.1	.1	.0							5.8	4.9
ESE	.8	1.5	.6	.1								2.9	4.9
SE	.7	1.2	.9	.6								2.9	5.3
SSE	.9	1.6	1.0	.1								3.6	5.2
S	2.4	2.9	3.5	1.2	.1	.0						9.5	6.4
SSW	2.4	2.7	2.3	.9	.1							8.4	6.1
SW	2.2	1.9	1.5	.6	.1							6.3	5.6
WSW	2.1	1.4	1.5	.6								5.6	5.6
W	2.0	2.3	1.5	.6	.0	.0						6.4	5.6
WNW	1.6	1.1	1.0	.7	.1							4.4	6.2
NW	1.9	1.5	1.0	.4	.1							4.9	5.4
NNW	1.5	2.1	.9	.2	.0							4.6	5.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	20.0	//////
TOTALS	23.4	28.6	21.2	6.0	.5	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	3.1	.7									5.0	4.8
NNE	.7	.6	.6									1.8	4.9
NE	.1	.2	.2	.4	.1							1.1	10.4
ENE	.2	.3	.2	.3								1.1	7.5
E	1.2	1.1	.9	.2								3.4	5.5
ESE	.6	.6	.2									1.3	4.8
SE	.6	.2										.8	2.9
SSE	1.1	1.3	.8									3.2	4.6
S	2.4	3.0	3.0									8.4	5.5
SSW	2.7	2.6	3.2	.8								9.3	5.9
SW	4.6	3.0	2.1	.3								10.0	4.5
WSW	2.2	1.9	1.1									5.2	4.2
W	2.0	1.1	1.1									4.2	4.4
WNW	2.2	2.6	.9	.2								6.9	4.7
NW	1.9	1.7	1.2	.4								5.6	5.6
NNW	2.0	1.6	1.0	.1								4.7	4.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	27.4	//////
TOTALS	23.7	36.2	17.6	3.0	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.2	2.3	1.8	.2								6.6	5.0
NNE	.4	.3	.2									1.0	4.3
NE	.2	.6	.4	.9	.1							2.2	9.7
ENE	.4	.1	.1									.7	3.3
E	.7	.4	.8	.8								2.7	8.0
ESE	.2	.6	.2									1.0	4.7
SE	.6	.8	.2	.1								1.8	5.2
SSE	.4	.7	.7									1.8	5.8
S	3.4	3.9	2.0	.3	.1							9.8	5.2
SSW	3.7	3.7	3.0	.4								10.8	5.4
SW	4.1	2.6	1.4	.2								8.3	4.3
WSW	2.0	2.0	.7									4.7	4.1
W	3.2	1.6	.3									5.7	3.7
WNW	2.6	2.3	.7	.2	.1							5.9	4.5
NW	2.4	1.9	1.9	.1								6.2	4.8
NNW	1.9	2.4	1.1									5.4	4.7
VARIABLE													
CALM												25.6	
TOTALS	28.6	26.1	16.1	3.2	.3							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	2.4	2.0									6.0	5.1
NNE	.6	.4	.2	.3								1.6	6.7
NE	.2	.2	.3	.2	.1							1.1	9.0
ENE	.2	.2	.2	.2	.2							1.1	9.3
E	.3	1.1	.6	.8								2.8	7.4
ESE	.3	.7	.3	.2								1.6	5.9
SE	.3	.6	.3									1.2	5.3
SSE	.8	.7	.6	.1								2.3	5.8
S	2.2	5.1	2.1	.8								10.2	5.6
SSW	2.8	5.0	3.0	.7								11.4	5.7
SW	3.9	4.0	2.4	.3								10.6	4.8
WSW	1.9	2.1	.5	.2								5.1	4.8
W	3.3	2.1	.5		.1							6.4	4.2
WNW	2.1	1.2	.4	.2								4.0	4.0
NW	2.0	3.9	1.5	.4								8.2	5.4
NNW	2.1	2.9	1.3									6.3	4.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	20.0	//////
TOTALS	24.6	35.7	17.8	4.6	.4							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	4.7	3.1	.5								9.8	5.7
NNE	1.0	1.1	.9	.2								3.2	5.6
NE	.2	.8	.7	.4	.2							2.3	8.9
ENE	.3	1.2	1.3									2.9	6.5
E	.8	1.4	1.4	.4								4.1	6.7
ESE	.2	.9	.2	.1								1.3	5.7
SE	.3	.8	.6									1.7	5.9
SSE	.8	1.2	1.9	.4								4.3	6.7
S	.9	4.0	2.4	1.9	.1							9.3	7.5
SSW	1.6	4.8	5.0	2.4	.3							14.1	7.4
SW	.7	3.6	3.2	2.0	.4							9.9	7.9
WSW	.4	1.7	2.1	.9								5.1	7.5
W	1.1	1.6	2.7	.7								6.0	6.9
WNW	.9	.8	2.6	1.2								5.4	8.0
NW	.9	1.6	2.7	.7								5.8	7.1
NNW	1.8	2.6	2.0	.9								8.1	6.4
VARIABLE													
CALM												6.6	
TOTALS	13.8	32.0	33.7	12.8	1.1							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	3.4	2.2									6.6	5.9
NNE	.4	1.7	2.0	.3								4.4	7.0
NE	.4	1.6	1.6	.9								4.4	7.5
ENE	.3	2.4	2.0	.4								5.2	6.6
E	1.3	4.0	1.8	1.1								8.2	6.2
ESE	.8	3.1	.7	.1								4.7	5.3
SE	.2	1.1	.8	.2								2.3	6.4
SSE	.6	1.4	2.1	.6								4.7	7.2
S	1.0	3.8	6.4	2.8								14.0	8.2
SSW	.7	2.2	4.9	3.0	.1							10.9	9.0
SW	.4	1.2	2.2	1.9	.3							6.1	9.5
WSW	.3	1.2	2.3	2.3	.4							6.7	10.0
W	.7	1.9	2.1	1.6	.1							6.3	8.2
WNW	.9	.9	1.0	1.1								4.7	7.7
NW	.4	1.4	1.0	.7								4.1	7.7
NNW	.3	1.4	1.0	.3								3.9	7.1
VARIABLE													
CALM												2.8	
TOTALS	9.8	32.9	36.2	17.3	1.0							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	2.3	1.6	.1								5.0	6.0
NNE	1.6	1.6	1.9	.4								5.4	5.9
NE	.4	2.4	2.1	1.7								6.7	7.8
ENE	1.0	2.3	1.7	.6								5.6	6.4
E	2.3	3.8	2.2	.2								8.6	5.3
ESE	1.4	2.3	1.1	.2								5.1	5.2
SE	.8	2.7	1.9	.3								5.7	6.0
SSE	.6	1.7	2.3	.4								5.0	7.0
S	1.2	4.1	6.4	1.6								13.3	7.2
SSW	.4	2.6	5.1	2.4	.3							10.9	8.6
SW	.4	1.0	2.1	1.8	.3							5.7	9.5
WSW	.3	1.1	1.7	1.2	.4							4.8	9.6
W	.6	1.6	2.2	1.7	.1							6.1	8.5
WNW	.1	.9	1.4	1.3		.1						3.9	9.7
NW	.4	.8	1.5	1.0								4.1	8.4
NNW	.1	.7	1.0	.2								2.0	7.3
VARIABLE													
CALM												2.2	
TOTALS	12.6	31.8	36.8	15.2	1.2	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.3	3.2	.7	.1								7.3	4.0
NNE	1.4	2.3	.9	.2								4.9	5.0
NE	.9	1.1	1.2	.4								3.7	6.3
ENE	.9	1.0	1.4	.2								3.6	6.0
E	1.8	1.6	.1	.1								3.6	3.7
ESE	1.7	1.2	.7	.1								3.7	4.5
SE	1.9	1.4	.5	.1								4.3	4.6
SSE	2.6	1.8	.7	.3								5.3	4.4
S	3.7	5.3	1.9	.4								11.3	5.0
SSW	2.1	2.9	2.3	.6								7.9	5.8
SW	2.3	1.9	.9	.2								5.3	4.6
WSW	1.3	2.1	1.4	.4								5.3	5.8
W	2.3	2.0	1.2	1.0								6.6	5.8
WNW	1.1	1.2	1.8	.4								4.6	6.5
NW	.6	1.1	1.0	.4								3.1	6.5
NNW	2.3	.6	.6	.1								3.6	4.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.0	//////
TOTALS	30.2	30.8	17.7	5.3								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.6	2.4	1.1									7.1	4.0
NNE	.6	.6	.9									1.9	6.4
NE	.2	.6	.8	.4								1.8	7.8
ENE	.8	.8	1.6	.6								3.7	7.0
E	.6	.7	.3	.2								1.3	5.9
ESE	.7	.6										1.2	3.0
SE	1.0	.9	.3									2.2	4.5
SSE	1.0	1.0	1.1	.4								3.6	6.2
S	2.7	2.0	2.8	.7	.1							8.2	5.9
SSW	3.2	4.2	.8	.4								8.7	4.6
SW	3.3	3.2	.8	.8								8.1	4.7
WSW	2.8	1.6	1.6									5.9	4.5
W	3.0	1.4	1.6	.3								6.3	4.9
WNW	2.6	2.4	1.2	.1								6.3	4.7
NW	2.2	1.8	.9									4.9	4.3
NNW	1.3	1.7	.2	.1								3.3	4.1
VARIABLE													
CALM												25.4	
TOTALS	29.4	25.3	15.1	4.1	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	2.9	1.7	.1								6.7	5.1
NNE	.8	1.1	.3	.2								3.0	5.8
NE	.3	.9	.9	.7	.1							2.9	8.0
ENE	.5	1.1	1.1	.3	.0							3.0	6.6
E	1.1	1.7	1.0	.5								4.3	5.9
ESE	.7	1.2	.4	.1								2.5	5.0
SE	.7	1.1	.6	.1								2.5	5.3
SSE	1.0	1.3	1.3	.3								3.8	6.0
S	2.2	3.9	3.4	1.1	.0							10.6	6.4
SSW	2.1	3.5	3.4	1.3	.1							10.5	6.7
SW	2.5	2.6	1.4	.9	.1							8.0	6.0
WSW	1.4	1.7	1.5	.6	.1							5.3	6.4
W	2.0	1.7	1.6	.7	.0							6.0	5.9
WNW	1.6	1.7	1.3	.6	.0	.0						5.2	6.0
NW	1.4	1.7	1.7	.5								5.2	6.0
NNW	1.5	1.7	1.2	.3								4.7	5.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	15.7	//////
TOTALS	21.8	29.7	23.4	8.2	.5	.0						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	3.4	1.2									6.9	4.5
NNE		.2	.4	.1								.8	8.6
NE	.4	.1	.2									.8	4.6
ENE	.2		.1	.3								.6	9.5
E	.6	1.8	1.1	.3								3.9	6.1
ESE	.5	.5	.3									1.4	4.6
SE	1.0	1.2	.8	.2								3.1	5.3
SSE	.5	1.0	1.2									2.7	5.6
S	3.4	2.8	2.9	.1								8.2	5.5
SSW	2.5	3.1	2.5	1.9	.1							10.1	6.8
SW	1.9	3.5	2.7	.9								9.0	6.0
WSW	1.5	2.0	.8	.3								4.6	4.8
W	3.3	2.8	1.2	.6								8.0	4.9
WNW	1.3	1.6	1.5	1.0	.1							5.5	7.0
NW	1.9	2.6	1.1	.2								5.8	4.8
NNW	1.3	2.6	.5									4.4	4.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	24.3	//////
TOTALS	21.7	29.4	18.4	6.8	.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	1.8	1.2									4.4	5.1
NNE	.2	.2	.5									1.0	6.6
NE	.2	.5	.3	.8								1.8	8.4
ENE	.1	.1	.5									.8	6.9
E	1.3	.9	.6	.2								3.0	4.9
ESE	.4	.5	.3	.3								1.6	7.0
SE	.3	.9	.5	.2								1.9	5.7
SSE	.4	1.3	1.5									3.2	6.2
S	1.0	1.9	2.8	.4								5.9	6.6
SSW	2.5	3.5	3.1	1.4								10.5	6.3
SW	3.4	3.9	1.8	.9								10.0	5.2
WSW	2.0	3.0	.9	.1								6.0	4.5
W	3.1	2.7	1.2	.3								7.3	4.5
WNW	1.7	1.9	1.2	.8								5.6	5.9
NW	2.0	2.3	.8	.6								5.6	4.9
NNW	2.2	2.8	1.4	.2								6.6	5.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	24.7	//////
TOTALS	22.4	25.3	18.4	6.5								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	1.9	1.1									4.6	4.7
NNE	.1	.2	.8	.2								1.3	8.6
NE	.2	.5	1.1	.5	.2							2.6	9.0
ENE		.8	.3									1.1	6.0
E	.9	1.1	.8	.2								2.9	5.3
ESE	.3	.8	.4		.1							1.8	6.4
SE	.4	.5	.6	.3	.1							2.0	7.2
SSE	.8	1.8	1.2	.3								4.1	6.1
S	1.8	2.7	2.0	1.1								7.1	6.6
SSW	3.8	4.3	3.7	1.3								13.0	5.9
SW	2.8	2.9	2.4	.3								8.4	5.0
WSW	2.2	2.0	1.4	.2								5.8	4.8
W	2.7	3.4	1.6	.3								8.0	4.7
WNW	2.4	1.8	1.2	.6								6.0	5.4
NW	1.8	1.5	1.3	.4								5.1	5.4
NNW	1.6	2.9	.4	.1								5.3	4.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	21.0	//////
TOTALS	23.3	29.7	20.1	5.9	.4							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	2.5	2.3	.3								6.2	5.9
NNE	.2	.3	.5	.5								1.6	8.7
NE	.4	.6	1.2	.3	.3							2.9	8.9
ENE	.6	1.2	.8	.5								3.2	6.5
E	.3	1.2	1.5	.2								3.2	6.8
ESE	.4	1.5	1.2	.2								3.3	6.2
SE	.1	1.1	1.2	.2								2.6	7.1
SSE	.5	.9	1.1	1.0								3.4	6.1
S	1.0	1.3	4.2	2.4	.2							9.0	8.9
SSW	1.0	4.1	4.4	2.5	.3	.2						12.5	8.3
SW	1.2	2.9	3.5	1.2	.1							9.2	7.3
WSW	.5	1.7	3.3	1.5	.1							7.1	8.4
W	.9	2.3	3.7	1.9	.1							6.8	8.2
WNW	.8	1.9	2.3	1.1	.1	.1						6.2	7.5
NW	1.0	2.5	3.5	1.2	.1							8.3	7.6
NNW	1.0	1.9	1.7	1.2								5.9	7.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.3	//////
TOTALS	11.1	27.7	36.7	16.5	1.4	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.1	2.4	.6								4.8	7.1
NNE	.2	.5	1.0	.6	.2							2.6	9.0
NE		2.0	2.0	.3								4.7	7.3
ENE	.1	2.6	2.4	.4								5.5	6.9
E	1.2	3.4	2.2	.2								7.1	5.8
ESE	.4	1.6	1.8	.2								4.1	6.4
SE	.4	1.4	1.0	.2								3.1	6.6
SSE	.6	.9	1.5	.6								3.7	7.6
S	.5	1.8	4.9	4.7	.3	.2						12.6	10.2
SSW	.6	1.7	3.4	2.6	.6	.1						9.1	9.9
SW	.2	2.2	2.4	2.4	.2	.2						7.5	9.8
WSW	.8	1.2	2.4	2.9	.4							7.6	10.0
W	.5	2.0	3.5	1.5	.4	.1						8.2	8.8
WNW	.5	1.0	2.8	2.0	.2	.1						6.7	9.8
NW	.3	.9	2.7	1.6								5.5	9.2
NNW	.2	.9	2.8	.8								4.7	8.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.5	//////
TOTALS	7.5	25.7	39.0	25.0	2.5	.8						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: PORTSMITH AFB NI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	1.8	2.2	.7								4.7	7.1
NNE	.5	1.4	1.0	.7								4.2	6.9
NE	.9	2.7	2.5	.3								6.3	6.9
ENE	1.1	2.6	1.6	.7								5.6	5.9
E	1.6	4.2	2.5									8.3	5.4
ESE	1.1	1.8	1.6	.2								4.7	5.6
SE	1.0	1.5	1.7	.4								4.4	6.4
SSE	1.7	1.5	2.7	.2								6.1	6.1
S	.9	3.0	5.0	4.0	.1							13.9	8.9
SSW	.2	1.4	2.4	1.9	.1							6.0	9.2
SW	.5	1.2	1.0	2.5	.2							5.4	9.7
WSW	.1	.6	1.6	1.7	.1							3.8	9.7
W	.4	.0	4.0	1.9	.3							6.7	8.8
WNW	.5	.0	2.0	2.3	.4	.2						8.4	9.4
NW	.2	.9	2.2	1.4								4.6	9.1
NNW	.1	.5	1.8	1.0								3.4	6.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.4	//////
TOTALS	11.2	25.0	38.0	18.7	1.3	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.7	3.0	.4									7.5	3.7
NNE	1.5	.9	.4									2.8	3.9
NE	1.3	1.9	.5	.4								4.1	5.0
ENE	1.1	1.0	.6									2.7	4.5
E	1.1	1.2	1.2									3.5	5.2
ESE	1.2	1.3	.4									3.2	4.5
SE	1.5	1.3	.5	.4								4.0	5.5
SSE	1.2	1.7	1.5	.3								4.7	5.9
S	2.2	4.1	4.2	1.0								11.4	6.4
SSW	1.4	2.0	2.4	1.3	.2							7.3	7.2
SW	1.1	1.5	1.7	.2								5.1	6.8
WSW	1.7	1.1	1.0	.6								4.5	6.1
W	1.8	3.5	1.1	1.5								8.4	6.2
WNW	.9	1.8	2.0	1.0	.2							6.7	7.9
NW	1.4	1.2	1.7	.2								4.5	5.5
NNW	1.2	1.1	.7	.1								3.2	5.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.3	//////
TOTALS	24.1	28.7	22.6	7.6	.4							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.7	2.4	.7	.1								6.0	3.5
NNE	.1	.8	.7	.7								1.3	6.9
NE	.2	.5	.4									1.1	5.5
ENE	.2	.3	.4									1.0	6.1
E	.8	1.3	1.2	.1								3.4	5.3
ESE	.8	.6	.6									2.0	4.6
SE	.5	1.0	1.0	.1								2.6	6.0
SSE	.6	1.4	.9	.5								3.9	6.4
S	1.5	2.5	3.5	1.6								9.1	7.0
SSW	3.1	3.2	2.6	1.2	.5							10.6	6.6
SW	2.7	2.3	1.5	1.3								7.8	5.7
WSW	1.5	1.5	.6	.6	.2	.1						4.6	6.5
W	2.7	2.7	1.7	.3								8.9	5.6
WNW	2.0	1.7	1.7	.9								6.2	6.0
NW	2.0	1.5	.6	.4								4.8	4.6
NNW	1.0	2.5	1.1	.2								4.7	5.5
VARIABLE													
CALM												21.7	
TOTALS	23.0	27.8	18.5	7.5	.8	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 939

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	2.2	1.4	.2								5.7	5.1
NNE	.4	.6	.7	.3	.0							1.9	7.1
NE	.5	1.1	1.1	.4	.1							3.0	7.1
ENE	.4	1.1	.8	.2								2.6	6.3
E	1.0	1.9	1.4	.2								4.4	5.6
ESE	.6	1.1	.9	.1	.0							2.8	5.7
SE	.7	1.1	.5	.3	.0							3.0	6.2
SSE	.8	1.4	1.4	.4								4.0	6.5
S	1.4	2.4	3.8	1.9	.1	.0						9.7	7.8
SSW	1.9	2.9	3.1	1.0	.2	.0						9.9	7.4
SW	1.7	2.5	2.2	1.2	.1	.0						7.8	6.8
WSW	1.3	1.6	1.5	1.0	.1	.0						5.5	7.0
W	1.9	2.8	2.3	1.1	.1	.0						8.3	6.5
WNW	1.3	1.7	2.0	1.2	.1	.1						6.4	7.5
NW	1.3	1.7	1.7	.9	.0							5.5	6.4
NNW	1.1	1.9	1.4	.5								4.9	6.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	14.8	//////
TOTALS	18.0	28.1	26.7	11.4	.9	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	2.2	1.2	1.1								5.7	6.7
NNE	.2	.3	.3	.6								1.4	8.5
NE			.4									.4	7.3
ENE	.4	.2	.1	.4	.1							1.3	8.3
E	.2	.8	1.2	.2								2.4	7.4
ESE	.3	.3	.9									1.6	5.8
SE	.8	1.2	.6	.3								2.9	5.8
SSE	.6	.9	.8	.1								2.3	5.9
S	.4	3.0	2.8	.9	.1							7.2	7.2
SSW	1.7	4.0	4.3	2.6	.1		.1					12.8	7.6
SW	2.2	4.3	3.4	1.0	.4	.1						12.1	7.2
WSW	1.2	2.3	2.0	1.3	.3							7.2	7.5
W	2.0	1.8	1.8	1.1	.1							6.8	6.6
WNW	.4	1.9	1.8	.4	.1							4.7	7.2
NW	.9	3.1	1.0	.9								6.3	6.3
NNW	2.1	2.1	2.2	1.7	.1							7.9	6.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.9	//////
TOTALS	14.6	28.6	25.6	12.9	1.4	.1	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	2.3	1.6	1.1								6.4	6.5
NNE	.3	.2	.6	.2								1.3	7.2
NE	.1		.6	.2	.1	.1						1.1	11.1
ENE	.2	.1	.4									.8	7.0
E	.1	.9	1.1	.4	.1							2.7	8.6
ESE	.3	.8	.5	.2								2.2	6.7
SE		.2	.6	.4								1.2	9.7
SSE	.8	.4	1.0	.1								2.3	5.9
S	1.7	3.7	3.0	.4								8.8	6.1
SSW	2.7	4.4	3.1	.9	.4	.1						11.7	6.4
SW	2.6	3.0	3.0	1.2	.4							10.2	6.9
WSW	2.0	2.6	1.9	1.2	.6	.1						8.3	7.7
W	2.0	2.4	1.5	.6	.2							7.1	6.2
WNW	1.4	2.0	1.6	.8	.1							5.9	6.5
NW	1.7	2.7	1.7	.2								6.2	5.3
NNW	1.4	1.9	1.5	1.0								6.2	6.8
VARIABLE													
CALM												17.4	
TOTALS	18.8	27.7	24.7	9.1	2.0	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	1.6	1.9	.9								5.4	6.6
NNE	.4	.3	.3	.2	.1							1.6	7.6
NE		.8	.6	.4								1.8	8.1
ENE			.5									.9	8.8
E	.3	.7	.6	.7								2.2	8.2
ESE	.4	.7	.5	.6								2.6	7.5
SE	.3	1.1	1.4	.2								3.1	6.8
SSE	.3	1.0	.7	.3								2.3	6.8
S	1.3	2.6	2.6	.7	.2							7.0	6.6
SSW	3.2	5.2	2.6	.9	.2							12.1	5.9
SW	2.3	3.0	2.4	2.0	.2	.2						10.2	7.5
WSW	1.6	2.4	3.3	1.4	.2							9.0	7.4
W	1.9	3.1	1.1	1.4	.1							7.7	6.6
WNW	1.7	1.7	1.2	.2								4.8	5.3
NW	1.6	2.5	1.5	1.0								7.3	6.3
NNW	1.8	3.0	1.3	.3								6.4	5.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	15.6	//////
TOTALS	18.3	30.5	23.1	11.4	1.1	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.2	3.1	1.7								6.7	8.4
NNE	.1	.3	.4	.6	.1							1.6	9.9
NE		.3	.5	.6								1.8	8.9
ENE	.2	.3	.7	.2								1.4	7.5
E		1.0	1.5	.4								2.9	8.1
ESE	.3	.7	.5	.2								2.0	6.7
SE	.4	.7	1.6	.7								3.0	7.7
SSE		.7	.5	1.0								2.6	9.2
S	.9	3.3	3.1	1.7	.6	.2						10.0	8.5
SSW	1.1	4.4	3.5	2.1	.2							11.8	7.6
SW	1.2	3.7	3.5	1.9	.4	.1						11.1	7.9
WSW	1.2	2.8	3.7	1.9	.4	.1						10.1	8.5
W	.9	2.0	3.6	1.8	.2							8.4	8.2
WNW	.8	1.5	1.4	.7	.1							4.4	6.7
NW	.7	3.1	2.8	1.7	.1							8.0	7.2
NNW	1.4	1.9	2.3	.7								6.2	6.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.6	//////
TOTALS	10.9	29.1	34.1	16.9	2.2	.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	1.9	3.1	2.7								8.1	9.7
NNE	.4	.6	1.6	.7								3.1	7.2
NE		.6	1.1	.4								2.1	7.4
ENE	.4	1.0	1.2	.3								3.0	6.9
E	.9	2.2	1.2	.1								4.6	5.6
ESE	.3	1.2	1.0	.2								2.8	6.4
SE	.6	.8	1.2	.2								2.8	6.7
SSE	.2	.4	1.9	.7								3.2	9.8
S	.8	2.4	4.9	2.0	.7							10.8	9.6
SSW	1.0	1.7	4.2	2.7	1.1	.3						11.0	10.2
SW	.3	1.9	3.9	3.0	.8	.1						10.3	9.8
WSW	.7	1.9	2.2	2.9	.8	.1						8.7	10.0
W	.7	2.2	3.2	2.3	.9	.1						9.6	9.8
WNW	.6	2.1	1.4	1.2	.2							5.6	8.0
NW	.7	2.2	2.1	1.1	.1							6.2	7.5
NNW	.8	1.8	2.2	1.2								6.1	7.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.1	//////
TOTALS	9.2	24.9	37.1	21.4	6.6	.7						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	1.7	2.4	2.1	.1							7.6	8.1
NNE	.1	.6	1.[illegible]	.7								2.3	8.4
NE	.3	1.6	2.2	.2								4.5	6.6
ENE	.7	1.2	.6									2.4	5.3
E	1.6	1.4	1.5	.1								4.7	5.4
ESE	1.2	1.1	.3	.1	.1							2.9	5.0
SE	.8	2.0	1.5	.2								4.0	5.7
SSE	.9	1.9	2.2	.6								5.6	6.8
S	1.0	4.3	5.4	2.5								13.1	7.5
SSW	.7	2.6	2.4	2.1	1.0	.2						9.0	9.8
SW	.8	1.9	3.4	1.3	.2							7.6	8.2
WSW	.9	1.6	2.1	2.2	.6	.1						7.4	9.4
W	1.3	1.6	3.1	3.1	.3							9.4	9.1
WNW	.7	1.2	1.[illegible]	1.1								4.8	7.9
NW	.3	1.7	2.7	1.2								5.9	7.9
NNW	1.2	1.[illegible]	2.[illegible]	1.[illegible]								5.9	7.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.9	//////
TOTALS	13.7	27.4	34.[illegible]	18.4	2.3	.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1400-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	PEAK WIND
N	2.7	2.7	2.6	.9	.3							9.1	6.9
NNE	.2	.2	.5	.9								1.7	5.1
NE	.3	.6	.	.6								2.3	7.5
ENE	.2	.8	1.2									2.3	7.0
E	.4	.6	.7	.5								1.9	6.3
ESE	.2	1.0	.7									1.9	6.2
SE	1.0	.3	.7	.4								2.4	6.3
SSE	1.7	2.1	2.6	.8								5.9	5.7
S	2.0	3.1	2.6	1.1	.2							9.0	6.7
SSW	2.2	4.6	2.5	2.1	.4							11.2	7.3
SW	1.1	2.7	2.1	1.6	.6	.2						8.4	8.5
WSW	1.1	1.7	2.1	1.5	.2							7.0	8.4
W	1.1	1.4	2.3	.9								5.7	7.1
WNW	1.0	1.4	1.2	.5								4.4	6.8
NW	1.2	1.2	1.3	.4								4.0	6.7
NNW	1.1	1.6	2.5	1.1								6.3	7.3
VARIABLE													
CALM												14.4	
TOTALS	17.7	26.6	36.8	12.6	1.8	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	TOTAL %	MEAN WSPD
N	1.2	2.6	1.7	1.7	.1							7.3	7.7
NNE	.1	.2	.4	.2								1.0	7.1
NE		.3	.1	.2								.9	7.4
ENE	.4	.7	.4	.2	.1							2.0	7.1
E	.3	.6	1.2									2.2	7.1
ESE	.5	.4	.4	.1								1.3	6.6
SE	.4	.7	.4	.2								1.7	7.4
SSE	.7	1.2	1.1	.2								3.1	7.2
S	1.8	2.4	3.7	.9	.2							9.1	7.[illegible]
SSW	2.0	2.5	3.7	2.9	.4	.1						11.6	7.1
SW	2.6	4.1	2.[illegible]	2.2	.3							11.5	7.5
WSW	1.9	2.1	2.5	1.2	.4							8.1	7.8
W	1.7	1.8	2.1	.7								6.3	7.1
WNW	1.0	1.5	.5	.1								3.1	5.7
NW	.9	1.1	2.2	.7								5.1	7.1
NNW	1.1	.7	2.1	1.9								7.1	7.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	1[illegible].5	//////
TOTALS	17.1	2[illegible].6	25.5	1[illegible].2	1.7	.1						10[illegible].2	7.5

TOTAL NUMBER OF OBSERVATIONS: 2[illegible]0

USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
AIR WEATHER SERVICE/MAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726355 STATION NAME: WOODSMITH AFB MI PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEG TRUE)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	[illegible]	[illegible]	1.	.1							7.0	7.4
NNE	.0	.7	.7	.1	.0							1.7	8.1
NE	.1	.5	.5	.7	.0	.1						1.9	7.5
ENE	.1	.0	.7	.0	.0							1.4	7.2
E	.7	1.0	1.	.7	.0							3.1	6.7
ESE	.9	.1	.7	.	.0							[illegible]	[illegible]
SE	.7	.1	1.	.7								2.7	[illegible]
SSE	.6	1.1	1.7	.9								4.8	[illegible]
S	1.2	2.2	3.4	1.1	.2	.						9.4	7.4
SSW	1.3	2.7	3.4	.	.5	.1	.0					11.1	7.4
SW	1.7	.1	3.1	1.1	.9	.1						10.2	7.8
WSW	1.3	1.1	2.7	1.1	.9	.1						8.2	7.1
W	1.4	1.1	.	1.4	.2	.0						7.6	7.6
WNW	.7	1.7	1.9	.7	.1							6.9	6.8
NW	1.1	1.4	2.	.2	.0							6.1	6.7
NNW	1.9	1.	1.1	1.1	.0							6.1	6.5
VARIBLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.7	//////
TOTAL	19.7	27.4	29.1	14.1	2.1	.3	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 7316

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	1.1	2.7	.5								4.2	7.5
NNE	.1	.2	.1	.2	.2							.7	10.6
NE	.1	.2	.1									.4	5.5
ENE	.1	.2	.5	.1								1.3	8.2
E	.1	.2	.3	.2								1.6	7.4
ESE	.1	.2	.6	.3								1.4	5.8
SE	.6	.9	.4	.3								2.2	5.9
SSE	.4	.5	.3									1.3	5.1
S	1.8	3.0	2.9	1.4								9.6	6.6
SSW	1.5	3.3	5.3	1.7	1.1							13.3	8.5
SW	2.8	5.1	5.1	2.0	.4							15.4	7.0
WSW	1.1	2.7	5.6	1.7	.5							11.6	8.3
W	2.3	1.9	2.5	1.3	.2							8.1	7.4
WNW	.8	1.8	1.1	.4	.1	.1						4.1	7.6
NW	1.0	1.1	1.5	.3	.3							5.1	8.0
NNW	1.1	.6	1.6	.6								3.9	6.7
VARIABLE													
CALM												17.7	
TOTALS	14.3	25.2	31.1	12.1	2.9	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.1	2.[illegible]	1.0								4.9	7.8
NNE	.1	.1	.2	.3								.8	9.7
NE		.3	.2	.1								.6	7.0
ENE	.2	.4	1.3	.1								2.0	7.2
E	.1	.1	1.1	1.0								2.3	9.8
ESE		.4	.1	.1	.1							1.0	7.7
SE	.6	.8	.5	.1								2.0	5.5
SSE	.5	.3	1.0	.4								2.3	7.3
S	1.5	2.5	2.2	1.3								7.4	6.9
SSW	3.2	4.0	4.3	3.0	.6	.1						15.3	7.5
SW	2.4	4.4	2.0	2.2	.2	.1						13.5	6.6
WSW	1.4	2.5	4.3	2.0	.4	.1						10.8	8.1
W	1.0	2.3	3.5	1.2	.4	.1						9.4	7.6
WNW	1.0	1.3	1.2	.4								3.9	6.2
NW	1.3	1.7	2.4	.7	.2							6.0	6.8
NNW	1.1	1.0	1.[illegible]	.4								5.6	6.5
VARIABLE													
CALM												12.3	
TOTALS	16.0	26.6	28.[illegible]	14.9	2.0	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	1.1	1.5	.6	.3							4.4	8.8
NNE	.1	.3	.1	.2	.1							.9	9.3
NE	.1		.4	.2								.6	8.9
ENE		.1	.9	.3								1.3	9.8
E		.1	1.0	.5	.1							1.7	10.4
ESE	.2	.5	1.2	.4								2.4	7.9
SE	.8	1.0	.6	.2								2.6	5.8
SSE	.9	.2	.8	.1								1.9	5.4
S	1.6	2.6	3.0	1.2	.1							9.2	7.5
SSW	2.3	4.9	4.3	2.6	.2							14.3	7.1
SW	2.4	4.4	4.1	2.0	.2							13.1	7.2
WSW	1.3	2.3	3.5	2.9	.1	.1						10.1	8.3
W	2.3	3.7	3.5	1.2								11.2	6.5
WNW	1.6	1.3	1.2	.4	.1							4.7	6.0
NW	1.6	1.2	1.7	.2	.1							4.9	6.2
NNW	1.2	1.9	1.7	.8								5.5	6.6
VARIABLE													
CALM												11.2	
TOTALS	16.7	35.8	30.4	14.7	1.4	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.2	2.6	1.7	.2							6.0	8.8
NNE	.1	.2	.3		.1							.8	8.6
NE	.1	.1	.6									.9	7.8
ENE		.1	.5	.2	.1							1.1	10.7
E	.3	.2	1.2	1.0								2.7	9.1
ESE	.2	.5	1.4	.3								2.5	7.7
SE	.2	.4	1.1									1.7	6.7
SSE	.9	.5	.4	.1								1.9	5.2
S	1.0	2.5	2.6	1.5	.3							7.8	8.2
SSW	1.6	3.2	4.6	5.7	.3	.2						16.1	9.1
SW	2.0	3.1	4.1	2.0	.9							12.2	8.0
WSW	1.1	2.0	4.6	3.1	.5							11.4	9.0
W	1.7	2.6	4.2	1.9	.2							10.5	7.6
WNW	.8	2.5	1.9	1.1								6.1	7.0
NW	1.4	1.7	2.4	.4								5.9	6.4
NNW	1.4	2.2	1.7	.5	.3							6.1	6.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.2	//////
TOTALS	17.2	23.5	34.5	19.2	3.0	.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	1.8	2.[illegible]	1.4	.5	.1						7.6	8.1
NNE	.1	.2	.3	.5								1.2	9.3
NE	.2	.1	.1	.1	.1	.1						.8	10.7
ENE	.5	.4	.2	.3	.1							2.2	7.5
E	.4	.6	1.4	.6								3.1	8.0
ESE	.1	.4	.6	.2								1.4	7.9
SE	.1	1.0	.5	.3								2.2	7.5
SSE	.6	1.0	1.1	.1								2.8	6.0
S	.8	2.2	3.3	2.0	.4							8.7	8.8
SSW	.6	2.9	4.2	4.5	1.0							13.2	9.7
SW	1.0	1.6	3.2	3.4	.8	.1						10.1	10.0
WSW	.5	1.6	3.5	4.3	1.3	.2						11.8	11.3
W	1.3	1.7	4.3	3.2	.6							11.8	9.6
WNW	.6	2.2	3.1	1.6	.1	.1						7.7	8.5
NW	.3	2.3	3.3	.6	.3							6.9	8.0
NNW	1.1	1.3	2.3	.5	.1							6.2	6.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.3	//////
TOTALS	9.7	22.7	35.3	24.5	5.4	.6						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	2.2	2.4	.8								6.6	6.5
NNE	.4	.5	.4	.5	.3							2.3	9.1
NE	.2	.4	.1			.3						1.1	10.1
ENE	.6	.8	.6									2.0	5.4
E	.2	.9	1.3	.3								2.7	7.0
ESE	.5	.6	.4									1.6	5.0
SE	1.0	.9	1.0	.5								3.3	6.5
SSE	1.2	1.3	1.2	.1								3.8	5.3
S	1.2	3.0	2.2	2.2	.3							8.8	7.9
SSW	1.3	2.3	2.8	3.1	.3							9.8	8.8
SW	1.3	1.3	2.0	3.1	1.1	.2						9.0	10.3
WSW	.3	2.3	3.7	3.0	1.4	.1						10.8	10.5
W	1.4	4.4	6.6	3.2	.4							16.0	8.3
WNW	1.5	1.5	2.4	.8	.1	.3						6.6	7.8
NW	.8	1.3	1.4	1.1								4.5	7.3
NNW	.9	1.8	2.0	1.2	.1	.1						6.9	7.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.3	//////
TOTALS	14.1	26.4	30.4	19.7	4.1	1.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	1.7	1.0	.4								6.0	5.6
NNE	.4	.4	.3	.1	.2							1.9	8.8
NE	.1	.3			.2	.1						.8	11.0
ENE		.2	.5	.3								1.0	8.4
E	.1	.2	1.3	.1								1.7	7.8
ESE	.1	.6	.1	.1	.1							1.2	7.7
SE	.5	1.0	.4	.3								2.3	6.1
SSE	.9	1.0	1.1	.1								3.0	5.3
S	2.3	1.7	2.3	1.7	.5							8.5	7.3
SSW	1.4	1.7	2.8	3.	.6							12.5	8.4
SW	2.9	2.5	4.1	2.5	.8							12.7	7.7
WSW	1.3	3.7	3.1	1.3	.1	.1						10.1	7.6
W	1.8	2.9	3.4	1.3	.2							10.5	6.6
WNW	1.0	1.6	.9	.3	.3	.2						4.4	7.4
NW	.8	1.7	1.2	1.3								4.9	7.6
NNW	1.6	1.4	1.1	.4		.1						5.1	6.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	17.3	27.5	25.1	13.9	3.1	.5						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	1.1	2.2	.6								5.2	6.9
NNE		.1	.1	.5	.2							1.0	13.8
NE			.1									.1	7.0
ENE	.1	.2	.3									.6	6.2
E	.3	.8	1.7									2.9	6.5
ESE	.3	.6	.3									1.3	4.8
SE	.4	.6	.3	.3								1.7	6.6
SSE	.4	1.0	.5	.6								2.9	7.0
S	1.9	2.0	2.5	1.5	.1							9.2	6.9
SSW	1.9	2.9	3.7	3.4	.6	.1						12.7	8.9
SW	2.3	4.0	5.5	2.0	.4	.1						14.3	7.7
WSW	1.1	2.5	4.0	2.2	.3	.1						10.1	8.3
W	1.0	2.5	2.6	2.6								8.6	8.2
WNW	1.2	1.0	1.4	.6	.1							5.2	6.8
NW	1.7	2.3	1.0	.9	.1	.1						6.0	6.2
NNW	1.2	3.3	1.3	.5	.1							6.5	6.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.8	//////
TOTALS	15.1	26.5	28.3	15.4	2.0	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	1.4	2.5	.2	.1	.0						5.6	7.5
NNE	.2	.3	.2	.4	.1							1.2	9.7
NE	.1	.2	.2	.1	.0	.1						.7	9.0
ENE	.2	.3	.7	.2	.0							1.4	7.7
E	.2	.4	1.2	.5	.0							2.3	8.2
ESE	.2	.5	.6	.2	.0							1.6	7.2
SE	.5	.8	.7	.2								2.2	6.3
SSE	.7	.7	.0	.2								2.5	5.9
S	1.5	2.6	2.6	1.7	.2							8.7	7.5
SSW	1.7	3.6	4.0	3.4	.6	.1						13.4	8.5
SW	2.1	3.6	3.8	2.4	.6	.1						12.5	7.9
WSW	1.0	2.4	4.1	2.6	.6	.1						10.8	9.0
W	1.7	2.9	3.5	2.1	.3	.0						10.9	7.8
WNW	1.0	1.7	1.6	.7	.1	.1						5.3	7.3
NW	1.1	1.6	1.9	.7	.1	.0						5.5	7.1
NNW	1.2	2.2	1.7	.6	.1	.0						5.8	6.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.4	//////
TOTALS	14.5	25.3	30.4	16.5	3.0	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	2.2	2.1	.9	.1	.0						6.8	6.5
NNE	.6	.9	1.1	.6	.1	.0						3.3	7.5
NE	.5	1.1	1.3	.7	.1	.0						3.7	7.6
ENE	.6	1.2	1.2	.4	.0	.0						3.7	6.8
E	1.0	1.9	1.5	.3	.0							4.7	5.9
ESE	.6	1.2	.8	.1	.0							2.7	5.6
SE	.6	1.0	.8	.1	.0							2.5	5.7
SSE	.7	1.1	1.1	.3	.0							3.2	6.2
S	1.5	2.6	3.2	1.5	.2	.0	.0					8.9	7.4
SSW	1.7	2.8	2.8	1.6	.2	.0	.0					9.2	7.4
SW	1.8	2.3	2.1	1.1	.2	.1	.0					7.6	6.9
WSW	1.3	1.6	1.7	1.1	.2	.1	.0	.0				5.9	7.5
W	1.5	2.0	2.0	1.2	.2	.0	.0	.0				6.9	7.2
WNW	1.2	1.5	1.6	1.0	.1	.0	.0	.0				5.4	7.5
NW	1.2	1.6	1.8	1.1	.1	.0	.0					5.9	7.4
NNW	1.2	1.9	1.7	.7	.0	.0	.0	.0				5.6	6.6
VARIABLE													
CALM												14.1	
TOTALS	17.7	27.0	26.6	12.7	1.6	.3	.0	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 87643

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.0	3.5	4.7	2.2	.1	.0						12.1	7.4
NNE	.9	1.7	2.1	1.5	.2	.0						6.5	8.3
NE	.8	1.8	2.2	1.2	.2	.0						6.2	7.9
ENE	.9	1.8	1.7	.9	.2	.1						5.6	7.6
E	1.3	2.3	2.2	.9	.1							6.8	6.5
ESE	.9	1.3	1.0	.3	.0							3.5	5.9
SE	.9	1.3	1.1	.2	.0							3.6	6.1
SSE	1.0	1.6	1.4	.6	.0							4.6	6.4
S	1.8	3.1	3.5	1.7	.2							10.2	7.2
SSW	1.4	2.3	2.5	1.2	.1	.0						7.6	7.2
SW	1.2	1.6	1.2	.4	.1	.1						4.6	6.3
WSW	.6	.9	.8	.3	.1	.1	.0	.0				2.7	7.4
W	.7	.6	.7	.4	.1	.0						2.5	6.8
WNW	.6	.7	.7	.2	.1	.1						2.5	7.2
NW	.8	1.1	1.3	.7	.1	.0	.0					4.1	7.7
NNW	1.1	1.7	1.5	.9	.1	.0						5.7	7.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.5	//////
TOTALS	16.9	27.2	28.0	13.7	1.7	.4	.0	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 11766

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PPPPPPPP          AAAAAA        RRRRRRRR        TTTTTTTTTT        DDDDDDDD
PPPPPPPPP        AAAAAAAA       RRRRRRRRR       TTTTTTTTTT        DDDDDDDDD
PP      PP      AA      AA      RR      RR          TT            DD      DD
PP      PP      AA      AA      RR      RR          TT            DD      DD
PPPPPPPPP       AA      AA      RRRRRRRRR           TT            DD      DD
PPPPPPPP        AAAAAAAAAA      RRRRRRRR            TT            DD      DD
PP              AAAAAAAAAA      RR    RR            TT            DD      DD
PP              AA      AA      RR     RR           TT            DD      DD
PP              AA      AA      RR      RR          TT            DDDDDDDDD
PP              AA      AA      RR       RR         TT            DDDDDDDDD
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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIRVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	9/10
OVERCAST	-	10/10
OBSCURED	-	10/10

NAVAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
SCRATCH — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 78-82
MONTH: JAN HOURS(LST): 00-05,22

CEILING (FEET)	VISIBILITY IN STATUTE MILES: 5	4	3	2 1/2	2	1 1/2	1 1/4	1	7/8	5/8	1/2	3/8	1/4	0
5000	75.7	75.7	75.8	75.7	74.7	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9
3000	75.7	74.6	75.7	75.8	76.1	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2
1800	75.7	74.6	75.7	75.8	76.1	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2
1500	75.7	74.6	75.7	75.8	76.1	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2
1000	75.7	74.6	75.7	75.8	76.1	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2
800	75.7	74.6	75.7	75.8	76.1	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4
600	75.7	74.6	75.7	75.8	76.1	77.1	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7
300	75.7	74.6	75.7	75.8	76.1	77.1	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7
200	75.7	74.6	75.7	75.8	76.1	77.1	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7
100	75.7	74.6	75.7	75.8	76.1	77.1	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7
0	75.7	74.6	75.7	75.8	76.1	77.1	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7
5000	75.7	77.7	78.7	78.8	79.1	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9
3000	75.7	77.6	78.4	78.7	79.4	79.6	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0
1800	75.7	75.9	80.8	81.2	81.6	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
1500	75.7	75.9	81.4	81.8	82.2	82.9	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6
1000	75.7	75.9	81.4	81.8	82.2	82.9	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6
800	75.7	75.9	81.4	81.8	82.2	82.9	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6
600	75.7	75.9	81.4	81.8	82.2	82.9	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6
300	75.7	75.9	81.4	81.8	82.2	82.9	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6
200	75.7	75.9	81.4	81.8	82.2	82.9	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6
100	75.7	75.9	81.4	81.8	82.2	82.9	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6
0	75.7	75.9	81.4	81.8	82.2	82.9	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6
5000	75.7	93.4	94.3	94.7	95.2	96.0	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.7
3000	75.7	94.4	95.2	95.7	96.2	97.1	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6
1800	75.7	95.2	96.3	96.8	97.3	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
1500	76.1	96.1	97.6	98.1	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1000	76.1	96.1	97.6	98.1	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	76.1	96.1	97.6	98.1	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	76.1	96.1	97.6	98.1	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	76.1	96.1	97.6	98.1	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	76.1	96.1	97.6	98.1	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	76.1	96.1	97.6	98.1	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	76.1	96.1	97.6	98.1	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5000	76.1	91.5	92.1	92.5	93.1	93.9	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.7
3000	76.1	91.5	92.1	92.5	93.1	93.9	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.7
1800	76.1	91.5	92.1	92.5	93.1	93.9	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.7
1500	76.1	91.5	92.1	92.5	93.1	93.9	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.7
1000	76.1	91.5	92.1	92.5	93.1	93.9	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.7
800	76.1	91.5	92.1	92.5	93.1	93.9	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.7
600	76.1	91.5	92.1	92.5	93.1	93.9	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.7
300	76.1	91.5	92.1	92.5	93.1	93.9	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.7
200	76.1	91.5	92.1	92.5	93.1	93.9	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.7
100	76.1	91.5	92.1	92.5	93.1	93.9	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.7
0	76.1	91.5	92.1	92.5	93.1	93.9	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.7
5000	76.1	87.2	88.3	88.7	89.2	89.9	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.7
3000	76.1	87.2	88.3	88.7	89.2	89.9	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.7
1800	76.1	87.2	88.3	88.7	89.2	89.9	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.7
1500	76.1	87.2	88.3	88.7	89.2	89.9	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.7
1000	76.1	87.2	88.3	88.7	89.2	89.9	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.7
800	76.1	87.2	88.3	88.7	89.2	89.9	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.7
600	76.1	87.2	88.3	88.7	89.2	89.9	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.7
300	76.1	87.2	88.3	88.7	89.2	89.9	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.7
200	76.1	87.2	88.3	88.7	89.2	89.9	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.7
100	76.1	87.2	88.3	88.7	89.2	89.9	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.7
0	76.1	87.2	88.3	88.7	89.2	89.9	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.7
5000	76.1	89.4	90.7	91.1	91.5	92.2	92.5	92.8	92.8	92.8	92.9	92.9	92.9	93.0
3000	76.1	89.4	90.7	91.1	91.5	92.2	92.5	92.8	92.8	92.8	92.9	92.9	92.9	93.0
1800	76.1	90.0	91.3	91.7	92.2	92.9	93.2	93.5	93.5	93.5	93.6	93.6	93.6	93.7
1500	76.1	90.7	92.0	92.4	92.9	93.6	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.4
1000	76.1	90.7	92.0	92.4	92.9	93.6	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.4
800	76.1	90.7	92.0	92.4	92.9	93.6	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.4
600	76.1	90.7	92.0	92.4	92.9	93.6	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.4
300	76.1	90.7	92.0	92.4	92.9	93.6	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.4
200	76.1	90.7	92.0	92.4	92.9	93.6	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.4
100	76.1	90.7	92.0	92.4	92.9	93.6	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.4
0	76.1	90.7	92.0	92.4	92.9	93.6	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.4
5000	76.1	93.4	94.7	95.1	95.6	96.3	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.1
3000	76.1	93.4	94.7	95.1	95.6	96.3	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.1
1800	76.1	95.6	96.9	97.3	97.8	98.5	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.3
1500	76.1	96.4	97.7	98.1	98.6	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
1000	76.1	96.4	97.7	98.1	98.6	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
800	76.1	96.4	97.7	98.1	98.6	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
600	76.1	96.4	97.7	98.1	98.6	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
300	76.1	96.4	97.7	98.1	98.6	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
200	76.1	96.4	97.7	98.1	98.6	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
100	76.1	96.4	97.7	98.1	98.6	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	76.1	96.4	97.7	98.1	98.6	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 950

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: AUSTINSMITH AFB MI

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(LST): [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/16	GE 1/4	GE 0
[illegible]	[illegible]	33.9	34.5	34.7	34.7	[illegible]	35.1	35.1	35.1	35.1	35.1	35.1	35.3	35.3	[illegible]	35.3
[illegible]	[illegible]	35.4	[illegible]	36.3	36.[illegible]	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.9	36.9	36.9	[illegible]
[illegible]	[illegible]	35.4	36.6	36.3	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.9	36.9	36.9	36.9
[illegible]	[illegible]	[illegible]	36.0	36.3	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	35.9	36.9	36.9	36.9
[illegible]	[illegible]	35.5	36.1	36.5	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.9	37.0	37.0	37.0	37.0
[illegible]	[illegible]	35.8	36.5	36.9	37.[illegible]	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3	37.3	37.3
[illegible]	[illegible]	36.7	37.4	37.8	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.4	38.4	38.4	38.4
[illegible]	[illegible]	37.1	37.8	38.3	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.8	38.8	38.8	38.8
[illegible]	[illegible]	38.6	39.5	39.9	40.3	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.4	40.4	40.4	40.4
[illegible]	[illegible]	39.5	40.2	40.6	41.0	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.5	41.5	41.5	41.5
[illegible]	[illegible]	40.4	41.3	41.7	41.[illegible]	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.5	42.5	42.5	42.5
[illegible]	[illegible]	42.3	43.2	43.7	44.1	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.8	44.8	44.8	44.8
[illegible]	[illegible]	44.1	45.2	45.6	46.0	46.1	46.6	46.6	46.6	46.6	46.6	46.6	46.9	46.8	46.8	46.8
[illegible]	[illegible]	49.4	51.2	51.4	52.[illegible]	52.2	52.6	52.8	52.8	52.8	52.8	52.8	53.0	53.0	53.0	53.0
[illegible]	[illegible]	52.2	54.2	54.6	55.2	55.4	55.8	56.0	56.0	56.0	56.0	56.0	56.2	56.2	56.2	56.2
[illegible]	[illegible]	58.5	60.6	61.4	62.7	62.8	63.3	63.5	63.5	63.5	63.5	63.7	63.9	63.9	63.9	63.9
[illegible]	[illegible]	63.1	65.[illegible]	66.6	68.4	68.5	69.2	69.8	69.8	69.9	70.0	70.0	70.2	70.2	70.2	70.2
[illegible]	[illegible]	67.6	71.2	72.5	75.4	75.6	77.2	78.5	78.6	78.7	78.8	78.8	79.0	79.0	79.0	79.0
[illegible]	[illegible]	69.[illegible]	72.6	73.9	76.[illegible]	77.1	78.7	80.0	80.2	80.3	80.4	80.4	80.6	80.6	80.6	80.6
[illegible]	[illegible]	72.2	76.1	77.7	81.1	81.3	83.7	84.9	85.2	85.4	85.6	85.6	85.8	85.8	85.8	85.8
[illegible]	[illegible]	73.3	77.3	79.4	82.[illegible]	85.0	85.6	86.9	87.1	87.3	87.6	87.6	87.8	87.8	87.8	87.8
[illegible]	[illegible]	74.3	78.5	80.6	84.7	85.3	88.1	89.5	89.7	89.9	90.5	90.5	90.9	90.9	90.9	90.9
[illegible]	[illegible]	74.6	79.0	81.4	85.9	86.2	89.0	90.8	91.1	91.3	91.9	91.9	92.3	92.3	92.3	92.3
[illegible]	[illegible]	74.8	79.[illegible]	81.4	85.6	86.9	89.9	91.8	92.4	92.7	93.3	93.3	93.7	93.7	93.7	93.7
[illegible]	[illegible]	74.8	79.[illegible]	81.4	85.7	87.[illegible]	90.2	92.6	93.3	93.8	94.4	94.4	94.9	94.9	94.9	94.9
[illegible]	[illegible]	74.8	79.0	81.5	85.[illegible]	87.3	90.5	93.1	94.2	94.7	95.4	95.4	95.9	95.9	95.9	95.9
[illegible]	[illegible]	74.8	79.[illegible]	81.7	86.[illegible]	87.6	90.9	93.8	94.9	95.5	96.1	96.1	96.7	96.7	96.7	96.7
[illegible]	[illegible]	74.8	79.[illegible]	81.7	86.8	88.0	91.4	94.4	95.9	96.5	97.3	97.5	98.1	98.1	98.1	98.1
[illegible]	[illegible]	74.8	79.[illegible]	81.7	86.8	88.0	91.4	94.8	96.6	97.[illegible]	98.3	98.5	99.0	99.0	99.0	99.0
[illegible]	[illegible]	74.8	79.[illegible]	81.7	86.8	88.0	91.6	95.1	96.8	97.4	98.6	98.8	99.4	99.4	99.5	99.5
[illegible]	[illegible]	74.8	79.[illegible]	81.7	86.8	88.0	91.6	95.1	96.8	97.4	98.7	98.9	99.5	99.5	99.7	99.7
[illegible]	[illegible]	74.8	79.[illegible]	81.7	86.8	88.0	91.6	95.1	96.8	97.4	98.7	98.9	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

NATIONAL CLIMATOLOGY BRANCH
CARETAK
TSS WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726355 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.1	32.7	33.3	34.1	34.1	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 20000	34.2	34.5	35.5	36.2	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 18000	34.2	34.9	35.6	36.3	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 16000	34.2	34.9	35.6	36.3	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 14000	34.2	34.9	35.6	36.3	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 12000	34.2	35.2	35.8	36.6	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 10000	34.2	36.9	37.6	38.5	39.4	39.4	39.4	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 9000	34.2	36.9	37.6	38.5	39.4	39.4	39.4	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 8000	34.3	38.1	38.9	39.8	40.6	40.6	40.6	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 7000	34.3	38.7	39.6	40.4	41.2	41.3	41.4	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 6000	34.3	38.9	39.8	40.6	41.5	41.6	41.7	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 5000	34.3	40.9	41.7	42.6	43.4	43.5	43.8	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 4500	34.7	43.5	44.4	45.4	46.2	46.3	46.6	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 4000	35.1	47.7	49.1	50.6	52.[illegible]	52.2	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 3500	35.3	50.6	51.4	53.1	54.5	55.1	55.7	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 3000	36.6	57.6	59.2	61.2	63.3	63.4	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 2500	36.6	61.2	63.1	65.4	67.2	68.3	69.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 2000	36.6	64.1	66.7	69.1	72.1	73.0	74.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 1800	36.6	66.3	68.9	71.6	75.1	76.5	77.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 1500	36.7	69.8	72.4	75.3	79.5	80.6	82.3	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1200	36.8	71.2	73.8	76.8	81.5	82.6	84.6	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1000	36.8	72.2	74.9	78.1	83.8	84.1	86.8	88.7	88.9	89.4	89.4	89.5	89.5	89.5	89.5	89.5
GE 900	36.8	72.7	75.5	78.6	84.7	84.9	88.0	90.4	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2
GE 800	36.8	73.0	75.9	79.4	85.4	86.0	89.0	91.6	92.0	92.5	92.7	92.8	92.9	92.8	92.8	92.8
GE 700	36.8	73.3	76.0	80.1	86.1	86.9	89.9	92.6	93.1	93.7	93.9	94.0	94.1	94.1	94.1	94.2
GE 600	36.8	73.3	76.7	80.2	86.[illegible]	87.0	90.0	92.9	93.7	94.4	94.9	95.1	95.4	95.4	95.4	95.5
GE 500	36.8	73.3	76.7	80.3	86.[illegible]	87.2	90.3	93.7	94.6	95.5	96.1	96.2	96.6	96.6	96.6	96.7
GE 400	36.8	73.3	76.7	80.3	86.[illegible]	87.6	90.9	94.5	96.0	97.0	97.7	98.1	98.5	98.7	98.7	98.8
GE 300	36.8	73.3	76.7	80.3	86.[illegible]	87.6	91.1	94.6	96.3	97.5	98.3	98.6	99.1	99.4	99.4	99.6
GE 200	36.8	73.3	76.7	80.3	86.[illegible]	87.6	91.1	94.6	96.3	97.5	98.4	98.7	99.4	99.6	99.6	99.9
GE 100	36.8	73.3	76.7	80.3	86.[illegible]	87.6	91.1	94.6	96.3	97.5	98.4	98.7	99.4	99.6	99.6	99.9
GE 0	36.8	73.3	76.7	80.3	86.[illegible]	87.6	91.1	94.6	96.3	97.5	98.4	98.7	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 76-82
MONTH: JAN HOURS(LST): [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	[illegible]	29.1	29.9	30.3	31.3	31.3	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 20000	4.1	33.2	34.2	34.6	35.2	35.6	35.7	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 18000	4.1	33.3	34.1	34.7	35.6	35.7	35.8	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 15000	4.1	33.4	34.2	34.8	35.[illegible]	36.0	36.1	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 14000	4.1	33.7	34.4	35.1	36.1	36.2	36.3	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 12000	4.3	34.7	35.5	36.1	37.2	37.3	37.4	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 10000	4.3	36.5	37.2	37.8	38.9	39.0	39.1	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 7000	4.3	36.8	37.6	38.3	39.4	39.5	39.6	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 5000	4.3	38.2	39.0	39.8	41.0	41.1	41.2	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 4000	4.5	39.2	40.1	40.9	42.1	42.2	42.3	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 3000	4.8	40.0	41.0	41.7	42.9	43.0	43.1	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 2500	4.8	42.3	43.3	44.2	45.5	45.6	45.7	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 2000	5.2	44.2	45.3	46.2	47.5	47.6	47.7	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 1500	5.5	48.0	49.8	51.1	52.6	52.7	52.9	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9
GE 1000	5.6	50.2	52.5	53.9	55.5	55.6	56.5	57.2	57.3	57.5	57.5	57.5	57.5	57.5	57.5
GE 500	5.9	56.1	58.8	60.5	62.3	62.6	63.3	64.1	64.2	64.4	64.4	64.4	64.4	64.4	64.4
GE 3000	7.[illegible]	59.8	63.3	65.3	67.4	67.8	68.7	69.6	69.7	69.9	70.0	70.0	70.0	70.0	70.0
GE 2500	7.1	62.6	66.8	69.1	71.9	72.6	73.7	74.8	75.2	75.6	76.0	76.1	76.1	76.1	76.1
GE 2000	7.1	64.3	69.5	71.1	74.0	74.6	75.8	77.0	77.3	77.7	78.2	78.3	78.3	78.3	78.3
GE 1500	7.1	66.2	71.[illegible]	74.2	77.7	78.4	79.8	81.3	81.6	82.3	82.8	82.9	82.9	82.9	82.9
GE 1000	7.1	67.7	72.8	76.7	80.3	81.4	82.9	84.6	84.9	85.6	86.1	86.2	86.3	86.3	86.5
GE 500	7.1	68.2	77.4	77.5	81.[illegible]	82.7	84.5	86.8	87.1	88.[illegible]	88.9	89.2	89.4	89.5	89.6
GE [illegible]	7.1	68.4	73.8	75.0	82.4	83.2	85.2	88.0	88.3	89.4	90.3	90.6	90.8	90.9	91.0
GE 2[illegible]	7.2	69.0	74.4	78.9	83.[illegible]	84.7	86.7	89.6	90.0	91.2	92.6	92.9	93.1	93.2	93.3
GE [illegible]	7.2	69.2	74.6	79.2	84.[illegible]	85.5	87.4	90.6	91.3	92.7	94.4	94.7	95.5	95.6	95.7	95.8
GE [illegible]	7.2	69.2	74.6	79.2	84.7	85.7	87.7	91.3	91.8	93.5	95.8	96.1	96.9	97.0	97.1	97.2
GE [illegible]	7.2	69.2	74.7	79.4	84.9	86.0	88.1	91.9	92.9	94.6	96.9	97.2	98.3	98.4	98.5	98.6
GE 400	7.2	69.2	74.7	79.4	84.9	86.0	88.1	91.9	93.1	94.8	97.2	97.5	98.6	98.8	98.9	99.0
GE 300	7.2	69.2	74.7	79.4	84.9	86.0	88.1	91.9	93.1	94.9	97.4	97.7	98.8	99.0	99.1	99.4
GE 200	7.2	69.2	74.7	79.4	84.9	86.0	88.1	91.9	93.2	95.1	97.8	98.2	99.4	99.6	99.7	99.9
GE 100	7.2	69.2	74.7	79.4	84.9	86.0	88.1	91.9	93.2	95.1	97.8	98.[illegible]	99.5	99.7	99.8	100.0
GE 0	7.2	69.2	74.7	79.4	84.9	86.0	88.1	91.9	93.2	95.1	97.8	98.2	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1700-1900

CEILING FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.7	31.1	31.5	31.7	31.5	32.2	32.3	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 30000	4.5	34.6	34.5	34.7	34.7	35.3	35.4	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 15000	4.5	34.5	35.1	35.3	35.5	35.8	35.9	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 10000	4.5	34.5	35.1	35.3	35.6	35.9	36.0	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 5000	4.5	34.5	35.1	35.3	35.6	35.9	36.0	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 3000	4.5	35.4	35.9	36.1	36.5	36.8	36.9	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 1500	4.5	38.7	39.2	39.5	39.9	40.2	40.3	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 1000	4.5	39.4	39.6	40.1	40.5	40.9	41.0	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 500	4.7	41.0	41.8	42.2	42.5	43.1	43.3	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 300	4.7	42.2	43.0	43.3	44.1	44.3	44.6	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 200	4.7	42.5	43.3	43.7	44.3	44.6	44.9	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 150	4.8	43.7	44.5	44.8	45.7	46.0	46.3	46.9	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2
GE 100	5.2	44.9	45.8	46.1	47.1	47.4	47.7	48.3	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6
GE 50	5.8	48.1	49.4	50.0	51.5	51.5	51.8	52.4	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8
GE 40	6.1	51.7	53.0	53.7	54.9	55.3	55.9	56.5	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9
GE 30	6.8	58.7	60.4	61.4	62.8	63.3	64.1	65.1	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5
GE 25	6.9	64.0	66.7	68.0	69.5	70.5	71.3	72.5	72.8	73.0	73.5	73.5	73.7	73.7	73.7	73.7
GE 20	7.0	66.2	69.5	71.3	73.4	74.3	75.3	77.3	77.6	78.2	78.8	78.8	78.9	78.9	78.9	78.9
GE 15	7.0	67.2	70.5	72.8	74.9	76.0	77.0	79.0	79.4	79.9	80.5	80.5	80.6	80.6	80.6	80.6
GE 10	7.4	69.1	73.2	76.5	79.1	80.2	81.2	83.4	83.8	84.4	85.2	85.2	85.4	85.4	85.4	85.4
GE 7	7.6	70.2	74.7	78.6	81.5	82.9	84.3	86.7	87.3	88.0	88.9	88.9	89.1	89.1	89.1	89.1
GE 5	7.6	70.5	75.6	79.5	82.9	84.2	85.6	88.0	88.7	89.7	90.9	90.9	91.2	91.2	91.2	91.2
GE 4	7.6	70.6	75.9	79.8	83.5	84.9	86.6	89.4	90.2	91.4	92.6	92.6	93.2	93.2	93.2	93.2
GE 3	7.6	71.2	76.5	80.5	84.5	86.0	87.6	90.9	91.7	93.1	94.7	94.7	95.4	95.4	95.4	95.4
GE 2	7.6	71.2	76.6	80.6	85.2	86.8	88.4	91.8	92.7	94.1	96.1	96.1	96.8	96.8	96.8	96.8
GE 1	7.6	71.2	76.7	80.8	85.4	87.0	88.6	92.2	93.0	94.5	96.7	96.9	97.7	97.7	97.7	97.7
GE 0	7.6	71.2	76.7	80.8	85.5	87.1	88.7	92.3	93.3	94.8	97.1	97.4	98.5	98.5	98.6	98.6
GE 30	7.6	71.2	76.7	80.8	85.5	87.1	88.7	92.4	93.4	95.2	97.8	98.2	99.2	99.2	99.4	99.4
GE 20	7.6	71.2	76.7	80.8	85.5	87.1	88.7	92.4	93.4	95.3	98.0	98.3	99.4	99.4	99.5	99.6
GE 15	7.6	71.2	76.7	80.8	85.5	87.1	88.7	92.4	93.4	95.3	98.2	98.5	99.6	99.6	99.7	100.0
GE 10	7.6	71.2	76.7	80.8	85.5	87.1	88.7	92.4	93.4	95.3	98.2	98.5	99.6	99.6	99.7	100.0
GE 0	7.6	71.2	76.7	80.8	85.5	87.1	88.7	92.4	93.4	95.3	98.2	98.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	7.9	31.9	32.9	33.0	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 20000	4.5	35.2	36.2	36.3	36.6	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 18000	4.5	36.0	37.1	37.2	37.4	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 16000	4.5	36.1	37.2	37.3	37.5	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 14000	4.5	36.6	37.6	37.7	38.0	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 12000	4.6	37.5	38.6	38.7	38.9	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 10000	4.7	40.5	42.5	42.2	42.4	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 9000	4.9	41.1	42.6	42.7	43.0	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 8000	5.1	43.2	44.9	45.1	45.9	46.1	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 7000	5.2	45.5	47.2	47.3	48.3	48.4	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 6000	5.3	45.9	47.7	47.8	48.8	49.0	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 5000	5.3	46.3	48.3	48.5	49.6	49.8	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 4500	5.4	47.7	49.8	50.0	51.1	51.3	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 4000	5.8	51.0	53.5	53.8	55.3	55.5	55.6	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 3500	6.2	53.9	56.5	57.0	58.9	59.4	59.7	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 3000	7.0	61.3	63.9	64.7	67.[illegible]	67.5	68.1	68.6	68.6	69.2	69.4	69.4	69.4	69.4	69.4	69.4
GE 2500	7.1	68.0	71.2	72.3	74.9	75.6	76.3	76.9	77.0	77.7	78.1	78.1	78.1	78.1	78.1	78.1
GE 2000	7.3	71.1	75.3	76.8	79.[illegible]	80.3	81.6	82.7	82.8	83.8	84.5	84.5	84.5	84.5	84.5	84.5
GE 1800	7.3	71.8	76.[illegible]	77.7	80.5	81.3	82.6	83.7	83.8	84.7	85.0	85.6	85.6	85.6	85.6	85.6
GE 1500	7.6	73.5	78.[illegible]	80.0	83.0	83.8	85.1	86.3	86.5	87.5	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	7.6	74.0	78.8	81.1	84.3	84.9	86.2	87.8	88.1	89.6	91.0	91.0	91.3	91.3	91.3	91.3
GE 1000	7.6	74.4	79.2	81.8	85.6	86.5	87.8	89.6	89.8	91.5	93.0	93.1	93.7	93.7	93.7	93.7
GE 900	7.6	74.4	79.2	81.8	85.6	86.6	88.1	90.0	90.3	92.4	93.9	94.0	94.5	94.5	94.5	94.5
GE 800	7.6	74.5	79.4	81.9	86.1	87.1	88.6	90.6	91.0	93.4	95.2	95.4	95.9	95.9	95.9	95.9
GE 700	7.6	74.5	79.4	81.9	86.2	87.2	88.7	91.0	91.3	93.9	95.6	95.8	96.3	96.3	96.3	96.3
GE 600	7.6	74.5	79.4	81.9	86.2	87.2	88.8	91.2	91.8	94.4	96.2	96.5	97.2	97.2	97.3	97.3
GE 500	7.6	74.5	79.4	81.9	86.2	87.4	89.0	91.4	92.0	94.9	96.9	97.1	98.1	98.1	98.2	98.3
GE 400	7.6	74.5	79.4	81.9	86.2	87.5	89.2	91.6	92.3	95.3	97.7	98.0	99.0	99.0	99.1	99.2
GE 300	7.6	74.5	79.4	81.9	86.2	87.5	89.2	91.6	92.3	95.3	97.8	98.1	99.4	99.4	99.5	100.0
GE 200	7.6	74.5	79.4	81.9	86.2	87.5	89.2	91.6	92.3	95.3	97.8	98.1	99.4	99.4	99.5	100.0
GE 100	7.6	74.5	79.4	81.9	86.2	87.5	89.2	91.6	92.3	95.3	97.8	98.1	99.4	99.4	99.5	100.0
GE 0	7.6	74.5	79.4	81.9	86.2	87.5	89.2	91.6	92.3	95.3	97.8	98.1	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.5	33.5	33.8	33.8	33.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.3	34.3
GE 20000	4.7	35.9	36.1	36.1	36.2	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.8	36.8
GE 18000	4.7	36.2	36.5	36.5	36.6	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.1	37.1
GE 16000	4.7	36.3	36.6	36.6	36.7	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.2	37.2
GE 14000	4.7	36.9	37.1	37.1	37.2	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.7	37.7
GE 12000	4.7	37.7	38.0	38.1	38.2	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.7	38.7
GE 10000	4.8	40.6	41.2	41.4	41.5	41.8	41.8	41.8	41.8	41.9	41.9	41.9	42.0	42.0	42.2	42.2
GE 9000	5.1	41.3	41.8	42.2	42.3	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.8	42.8	42.9	42.9
GE 8000	5.3	43.7	44.8	45.6	46.0	46.3	46.3	46.5	46.5	46.6	46.6	46.6	46.7	46.7	46.8	46.8
GE 7000	5.6	44.6	45.8	46.6	47.0	47.3	47.3	47.4	47.4	47.5	47.5	47.5	47.6	47.6	47.7	47.7
GE 6000	5.9	45.2	46.5	47.2	47.6	48.0	48.0	48.1	48.1	48.3	48.3	48.3	48.4	48.4	48.5	48.5
GE 5000	5.9	46.9	48.3	49.1	49.6	49.9	49.9	50.0	50.0	50.3	50.3	50.3	50.4	50.4	50.5	50.5
GE 4500	5.9	49.4	50.9	51.7	52.2	52.7	52.7	52.9	52.9	53.2	53.2	53.2	53.3	53.3	53.4	53.4
GE 4000	6.3	54.1	55.9	57.0	58.0	58.4	58.4	58.9	59.0	59.4	59.4	59.4	59.5	59.5	59.6	59.6
GE 3500	6.8	57.5	59.6	60.6	61.7	62.2	62.2	62.8	62.9	63.2	63.2	63.2	63.3	63.3	63.4	63.4
GE 3000	8.0	63.7	66.0	67.5	68.9	69.4	69.6	70.2	70.3	70.6	70.6	70.6	70.8	70.8	70.9	70.9
GE 2500	8.2	68.8	71.6	73.3	75.1	75.6	76.3	77.2	77.3	77.6	77.6	77.6	77.7	77.7	77.8	77.8
GE 2000	8.4	72.6	75.9	78.1	80.0	80.8	82.3	84.3	84.6	84.9	84.9	84.9	85.1	85.1	85.2	85.2
GE 1800	8.4	73.2	76.7	78.9	81.7	81.7	83.2	85.3	85.6	85.9	85.9	85.9	86.0	86.0	86.1	86.1
GE 1500	8.4	74.2	78.2	80.5	83.0	83.8	85.6	87.7	88.1	88.6	88.7	88.7	88.8	88.8	88.9	88.9
GE 1000	8.4	74.9	79.2	81.6	84.7	85.1	86.9	89.5	90.0	90.6	91.0	91.0	91.1	91.1	91.2	91.2
GE 1000	8.5	75.5	79.9	82.0	85.4	86.2	88.4	91.5	92.2	93.0	93.7	93.7	93.8	94.0	94.2	94.2
GE 900	8.5	75.5	80.0	82.7	85.6	86.6	88.7	91.9	92.7	93.5	94.2	94.2	94.3	94.5	94.7	94.7
GE 800	8.5	75.7	80.3	83.0	86.0	87.0	89.1	92.6	93.4	94.5	95.2	95.2	95.4	95.6	95.9	96.0
GE 700	8.5	75.7	80.3	83.0	86.0	87.0	89.2	92.7	93.8	94.8	95.5	95.5	95.7	95.9	96.2	96.3
GE 600	8.5	75.7	80.3	83.0	86.0	87.0	89.5	93.3	94.4	95.5	96.2	96.2	96.5	96.7	97.0	97.1
GE 500	8.5	75.7	80.3	83.0	86.0	87.0	89.5	93.3	94.6	96.1	96.9	96.9	97.1	97.3	97.6	97.8
GE 400	8.5	75.7	80.3	83.0	86.0	87.2	89.7	93.5	94.8	96.6	97.6	97.6	98.2	98.5	98.8	99.0
GE 300	8.5	75.7	80.3	83.0	86.0	87.2	89.7	93.5	94.8	96.6	97.7	98.1	98.6	99.0	99.6	99.8
GE 200	8.5	75.7	80.3	83.0	86.0	87.2	89.7	93.5	94.9	96.8	98.0	98.3	98.8	99.2	99.8	100.0
GE 100	8.5	75.7	80.3	83.0	86.0	87.2	89.7	93.5	94.9	96.8	98.0	98.3	98.8	99.2	99.8	100.0
GE 0	8.5	75.7	80.3	83.0	86.0	87.2	89.7	93.5	94.9	96.8	98.0	98.3	98.8	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	5.2	33.5	34.0	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5	34.5	34.7	34.7
GE 20000	5.5	34.7	35.2	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.9	35.9
GE 18000	5.5	34.7	35.2	35.5	35.5	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.9	35.9	36.1	36.1
GE 16000	5.5	34.7	35.2	35.5	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.2	36.2
GE 14000	5.6	35.1	35.5	35.8	35.9	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.5	36.5	36.7	36.7
GE 12000	5.6	36.1	36.6	36.9	37.0	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.7	37.7
GE 10000	5.6	38.3	39.0	39.6	39.9	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.5	40.5	40.8	40.8
GE 9000	5.6	38.5	39.2	39.8	40.1	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.8	40.8	41.0	41.0
GE 8000	5.9	41.1	42.0	42.6	43.2	43.5	43.5	43.8	43.8	43.8	43.8	43.8	43.9	43.9	44.1	44.1
GE 7000	5.8	42.2	43.1	43.7	44.3	44.6	44.6	44.8	44.8	44.8	44.8	44.8	44.9	44.9	45.2	45.2
GE 6000	6.1	42.7	43.7	44.2	44.8	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.7	45.7
GE 5000	6.1	44.7	45.8	46.3	47.0	47.3	47.3	47.5	47.5	47.6	47.6	47.6	47.7	47.7	48.0	48.0
GE 4500	6.1	45.6	46.7	47.2	47.9	48.2	48.2	48.4	48.4	48.5	48.5	48.5	48.6	48.6	48.8	48.8
GE 4000	6.6	53.1	54.6	55.6	56.3	56.8	56.8	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.4	57.4
GE 3500	6.6	55.5	57.1	58.1	58.8	59.2	59.2	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.9	59.9
GE 3000	7.2	61.8	63.8	64.8	66.0	66.6	66.6	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.4	67.4
GE 2500	7.4	66.8	69.2	70.6	71.9	72.6	73.3	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.5	74.5
GE 2000	7.6	71.4	74.4	76.0	77.8	78.5	79.7	80.5	80.5	80.6	80.6	80.6	80.8	80.8	81.0	81.0
GE 1800	7.6	72.7	75.9	77.6	79.6	80.3	81.8	82.7	82.7	82.8	82.8	82.8	83.0	83.0	83.2	83.2
GE 1500	7.6	74.5	78.6	80.8	83.0	83.8	86.0	87.1	87.2	87.6	87.7	87.8	88.1	88.1	88.3	88.3
GE 1200	7.6	75.3	79.4	81.5	83.7	84.6	87.0	88.2	88.3	88.8	89.0	89.1	89.4	89.4	89.6	89.6
GE 1000	7.6	75.9	80.0	82.3	84.7	85.7	88.5	90.2	90.4	91.5	92.0	92.2	92.5	92.5	92.7	92.7
GE 900	7.6	76.0	80.1	82.4	84.9	85.9	88.9	90.8	91.2	92.3	92.8	92.9	93.2	93.2	93.5	93.7
GE 800	7.6	76.0	80.3	82.6	85.5	86.5	89.5	91.6	92.2	93.7	94.2	94.3	94.6	94.6	94.9	95.2
GE 700	7.6	76.1	80.4	82.7	85.7	86.7	89.7	91.9	92.9	94.5	95.2	95.3	95.6	95.6	95.9	96.1
GE 600	7.6	76.3	80.6	82.7	86.0	87.2	90.2	93.0	94.0	95.8	96.5	96.6	97.0	97.0	97.3	97.5
GE 500	7.6	76.3	80.6	82.9	86.0	87.2	90.2	93.0	94.1	95.9	96.8	97.0	97.4	97.4	97.7	98.0
GE 400	7.6	76.3	80.6	82.9	86.0	87.2	90.2	93.4	94.6	96.6	97.4	97.7	98.2	98.2	98.5	98.7
GE 300	7.6	76.3	80.6	82.9	86.3	87.2	90.2	93.4	94.6	96.8	97.6	98.3	99.0	99.1	99.5	99.7
GE 200	7.6	76.3	80.6	82.9	86.0	87.2	90.2	93.8	94.9	97.1	98.0	98.6	99.4	99.5	99.8	100.0
GE 100	7.6	76.3	80.6	82.9	86.0	87.2	90.2	93.8	94.9	97.1	98.0	98.6	99.4	99.5	99.8	100.0
GE 0	7.6	76.3	80.6	82.9	86.0	87.2	90.2	93.8	94.9	97.1	98.0	98.6	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.5	32.3	32.9	33.2	33.5	33.7	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	34.0	34.0
GE 20000	4.8	34.8	35.4	35.7	36.1	36.3	36.3	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 18000	4.8	35.0	35.6	36.0	36.3	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8
GE 16000	4.9	35.1	35.7	36.0	36.4	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9
GE 14000	4.8	35.3	35.9	36.2	36.7	36.9	36.9	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.2	37.2
GE 12000	4.8	35.0	36.6	37.0	37.4	37.6	37.6	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9
GE 10000	4.9	38.2	39.0	39.4	39.9	40.1	40.1	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.5	40.5
GE 9000	4.9	38.6	39.4	39.8	40.3	40.5	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9
GE 8000	5.0	40.5	41.5	42.0	42.7	42.9	43.0	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.4	43.4
GE 7000	5.1	41.5	42.6	43.1	43.8	44.0	44.1	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5
GE 6000	5.2	42.1	43.2	43.7	44.4	44.6	44.7	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2
GE 5000	5.3	43.8	44.9	45.5	46.3	46.5	46.7	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.3	47.3
GE 4500	5.4	45.5	46.7	47.2	48.1	48.3	48.5	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.1	49.1
GE 4000	5.9	50.0	51.7	52.5	53.5	53.9	54.2	54.6	54.7	54.8	54.8	54.8	54.9	54.9	54.9	54.9
GE 3500	6.1	52.6	54.6	55.6	56.2	57.2	57.6	58.0	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3
GE 3000	7.0	59.5	61.6	62.8	64.5	64.9	65.4	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
GE 2500	7.1	64.5	67.2	68.6	70.7	71.2	72.1	72.8	72.9	73.1	73.3	73.3	73.3	73.3	73.4	73.4
GE 2000	7.3	68.2	71.7	73.5	76.0	76.6	78.1	79.4	79.5	79.8	80.1	80.1	80.2	80.2	80.2	80.2
GE 1800	7.3	69.5	73.0	74.9	77.5	78.2	79.7	81.0	81.1	81.4	81.7	81.7	81.8	81.8	81.9	81.9
GE 1500	7.4	71.6	75.5	78.0	81.0	81.7	83.5	85.0	85.2	85.7	86.1	86.1	86.2	86.2	86.3	86.3
GE 1200	7.4	72.6	76.7	79.4	82.7	83.5	85.4	87.1	87.4	87.9	88.5	88.5	88.6	88.6	88.7	88.7
GE 1000	7.4	73.2	77.5	80.4	84.0	84.9	87.1	89.1	89.4	90.3	91.0	91.1	91.4	91.4	91.5	91.5
GE 900	7.4	73.4	77.6	80.7	84.5	85.5	87.8	90.1	90.5	91.5	92.2	92.3	92.6	92.7	92.7	92.8
GE 800	7.5	73.7	78.1	81.1	85.2	86.2	88.6	91.2	91.7	92.9	93.8	93.9	94.3	94.3	94.4	94.5
GE 700	7.5	73.6	78.2	81.3	85.5	86.6	89.1	91.8	92.6	93.8	94.9	95.0	95.4	95.5	95.6	95.6
GE 600	7.5	73.8	78.3	81.4	85.7	86.8	89.4	92.4	93.3	94.7	95.9	96.0	96.6	96.6	96.7	96.8
GE 500	7.5	73.8	78.3	81.4	85.8	87.0	89.5	92.8	93.8	95.3	96.6	96.8	97.5	97.5	97.6	97.7
GE 400	7.5	73.8	78.3	81.4	85.9	87.2	89.8	93.2	94.4	96.0	97.6	97.8	98.5	98.6	98.7	98.8
GE 300	7.5	73.8	78.4	81.4	86.0	87.2	89.8	93.3	94.6	96.3	97.9	98.3	99.1	99.2	99.4	99.6
GE 200	7.5	73.8	78.4	81.4	86.0	87.2	89.9	93.4	94.7	96.5	98.2	98.5	99.4	99.5	99.6	99.9
GE 100	7.5	73.8	78.4	81.4	86.0	87.2	89.9	93.4	94.7	96.5	98.2	98.5	99.4	99.5	99.7	99.9
GE 0	7.5	73.8	78.4	81.4	86.0	87.2	89.9	93.4	94.7	96.5	98.2	98.5	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	6.3	38.7	39.6	40.2	40.5	40.5	41.1	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.7
GE 20000	6.3	40.8	41.7	42.3	42.7	42.8	43.4	43.5	43.5	43.5	43.5	43.5	43.6	43.6	43.6	44.0
GE 18000	6.3	40.9	41.8	42.4	42.8	42.9	43.5	43.6	43.6	43.6	43.6	43.6	43.7	43.7	43.7	44.1
GE 16000	6.3	40.9	41.8	42.4	42.8	42.9	43.5	43.6	43.6	43.6	43.6	43.6	43.7	43.7	43.7	44.1
GE 14000	6.3	41.1	42.1	42.7	43.0	43.1	43.7	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.3
GE 12000	6.3	41.5	42.6	43.1	43.5	43.6	44.2	44.3	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.8
GE 10000	6.5	43.4	44.8	45.4	45.7	45.9	46.5	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	47.0
GE 9000	6.5	44.1	45.5	46.1	46.5	46.6	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.8
GE 8000	6.7	46.6	48.2	48.8	49.4	49.5	50.1	50.2	50.2	50.2	50.2	50.2	50.4	50.4	50.4	50.7
GE 7000	7.0	48.5	50.1	50.7	51.4	51.7	52.2	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.8
GE 6000	7.1	48.8	50.5	51.1	51.8	52.0	52.6	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	53.2
GE 5000	7.6	50.0	51.8	52.4	53.2	53.4	54.0	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.7
GE 4500	7.6	51.1	52.8	53.7	54.6	54.8	55.4	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.4
GE 4000	7.9	54.3	56.9	58.0	59.5	59.7	60.4	61.2	61.2	61.2	61.2	61.2	61.5	61.5	61.5	61.8
GE 3500	7.9	57.6	60.8	62.1	63.6	63.8	64.5	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6	66.0
GE 3000	8.9	63.6	67.1	68.7	70.7	70.9	71.7	72.8	72.8	72.8	72.8	72.8	73.0	73.0	73.0	73.4
GE 2500	9.1	67.4	71.0	73.0	75.1	75.3	76.1	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.8
GE 2000	9.1	69.0	72.8	75.4	78.1	78.4	80.0	81.2	81.2	81.2	81.2	81.2	81.4	81.4	81.4	81.8
GE 1800	9.1	69.3	73.3	75.9	78.0	78.8	80.5	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	82.3
GE 1500	9.1	70.9	75.3	78.0	82.2	82.5	84.6	85.9	86.1	86.1	86.2	86.2	86.4	86.4	86.4	86.8
GE 1200	9.5	71.7	76.1	79.2	83.6	83.9	86.3	87.6	87.8	88.2	88.3	88.3	88.5	88.5	88.5	88.9
GE 1000	9.5	72.1	76.5	79.7	84.4	84.9	87.4	89.1	89.4	89.7	89.8	89.8	90.4	90.4	90.4	90.8
GE 900	9.5	72.1	76.5	79.7	84.4	84.9	87.4	89.1	89.4	90.0	90.2	90.2	90.9	90.9	90.9	91.3
GE 800	9.5	72.3	76.8	80.0	84.7	85.2	87.7	89.5	89.7	90.3	90.5	90.5	91.3	91.3	91.3	91.6
GE 700	9.5	72.5	77.0	80.1	85.1	85.8	88.4	90.2	90.4	91.0	91.3	91.3	92.0	92.0	92.0	92.3
GE 600	9.5	72.7	77.2	80.4	85.3	86.1	88.8	90.8	91.0	91.7	92.0	92.0	92.7	92.7	92.7	93.0
GE 500	9.5	72.7	77.2	80.5	85.8	86.5	89.2	91.6	92.1	92.8	93.0	93.0	93.9	93.9	93.9	94.2
GE 400	9.5	72.7	77.2	80.9	86.3	87.4	90.1	92.7	93.3	94.0	94.2	94.3	95.3	95.3	95.3	95.6
GE 300	9.5	72.7	77.2	80.9	86.4	87.5	90.2	93.4	94.3	95.0	95.4	95.5	96.6	96.8	97.4	97.9
GE 200	9.5	72.7	77.2	80.9	86.4	87.5	90.2	93.5	94.6	95.3	95.9	96.0	97.3	97.6	98.3	98.9
GE 100	9.5	72.7	77.2	80.9	86.4	87.5	90.2	93.5	94.6	95.3	95.9	96.0	97.3	97.8	98.6	99.6
GE 0	9.5	72.7	77.2	80.9	86.4	87.5	90.2	93.5	94.6	95.3	95.9	96.0	97.3	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WOMTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	6.0	37.0	37.8	38.7	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 20000	6.4	39.2	40.2	41.3	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.6
GE 18000	6.4	39.4	40.3	41.4	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.7
GE 16000	6.4	39.4	40.3	41.4	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.7
GE 14000	6.5	39.8	40.8	41.8	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.9	42.9	42.9	43.1
GE 12000	6.6	40.4	41.4	42.4	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.7
GE 10000	7.1	42.4	43.5	44.7	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	46.0
GE 9000	7.1	42.6	43.6	44.8	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.9	45.9	45.9	46.1
GE 8000	7.1	44.0	45.5	46.7	47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.2
GE 7000	7.1	45.0	46.6	47.8	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.4
GE 6000	7.1	46.0	47.5	48.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.5
GE 5000	7.2	47.4	49.4	50.7	51.7	52.0	52.0	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.7
GE 4500	7.2	48.5	50.6	51.9	53.3	53.7	53.7	54.1	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.5
GE 4000	7.3	52.1	54.5	56.4	59.5	59.8	59.8	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.8
GE 3500	7.4	56.0	58.5	60.5	63.6	63.9	64.1	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.4
GE 3000	8.2	60.0	63.0	65.4	69.1	69.5	69.6	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	71.0
GE 2500	8.2	63.1	66.5	69.0	73.0	73.5	73.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	75.2
GE 2000	8.4	66.4	70.4	73.2	77.9	78.6	79.9	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.6
GE 1800	8.4	66.7	71.0	73.9	78.7	79.4	80.7	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.5
GE 1500	8.4	68.3	72.9	76.0	81.7	82.6	84.0	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.3
GE 1200	8.7	68.8	73.4	76.6	82.7	83.7	85.5	87.6	87.6	87.9	88.2	88.2	88.3	88.3	88.3	88.5
GE 1000	8.7	69.1	74.0	77.3	84.3	85.2	87.1	89.2	89.2	89.6	89.8	89.8	90.1	90.1	90.1	90.3
GE 900	8.7	69.1	74.0	77.3	84.5	85.5	87.4	89.6	89.6	90.0	90.2	90.2	90.4	90.4	90.4	90.7
GE 800	8.7	69.1	74.1	77.4	84.6	85.6	87.5	90.0	90.0	90.3	90.5	90.5	90.8	90.8	90.8	91.0
GE 700	8.7	69.3	74.3	77.8	85.9	85.9	87.8	90.3	90.3	90.7	90.9	90.9	91.1	91.1	91.1	91.4
GE 600	8.7	69.4	74.5	77.9	85.5	86.2	88.4	90.9	91.1	91.6	92.0	92.0	92.2	92.2	92.2	92.4
GE 500	8.7	69.4	74.5	77.9	85.6	86.5	89.0	91.8	92.1	92.9	93.5	93.5	93.9	93.9	93.9	94.1
GE 400	8.7	69.4	74.8	78.3	85.9	87.0	89.7	92.6	92.8	93.9	94.4	94.4	94.9	94.9	94.9	95.2
GE 300	8.7	69.4	74.8	78.3	86.1	87.1	90.1	93.9	94.1	95.4	96.3	96.3	96.8	96.8	97.2	97.4
GE 200	8.7	69.4	74.8	78.3	86.1	87.1	90.1	94.0	94.4	95.9	97.2	97.5	98.2	98.6	98.9	99.2
GE 100	8.7	69.4	74.8	78.3	86.1	87.1	90.1	94.1	94.7	96.2	97.5	97.9	98.6	98.9	99.4	99.8
GE 0	8.7	69.4	74.8	78.3	86.1	87.1	90.1	94.1	94.7	96.2	97.5	97.9	98.6	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	5.0	34.2	35.5	35.8	36.6	36.6	36.6	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.2
GE 20000	5.0	35.5	37.0	37.5	38.5	38.5	38.5	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	39.2
GE 18000	5.0	35.5	37.0	37.5	38.5	38.5	38.5	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	39.2
GE 16000	5.0	35.6	37.1	37.6	38.7	38.7	38.7	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.4
GE 14000	5.0	36.1	37.6	38.1	39.1	39.1	39.1	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.8
GE 12000	5.0	36.5	38.1	38.5	39.6	39.6	39.6	39.8	39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.3
GE 10000	5.3	38.7	40.2	40.6	41.8	41.8	41.8	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.7
GE 9000	5.3	38.8	40.3	40.9	42.0	42.0	42.0	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.8
GE 8000	5.4	41.3	43.1	43.7	44.8	44.8	44.8	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.6
GE 7000	5.8	42.9	44.8	45.4	46.5	46.5	46.6	46.9	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.5
GE 6000	5.8	43.6	45.5	46.3	47.4	47.4	47.5	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.5
GE 5000	5.9	45.3	47.6	48.5	49.5	49.6	49.8	50.2	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.8
GE 4500	6.1	46.7	49.2	50.0	51.1	51.2	51.3	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.4
GE 4000	6.6	50.2	53.1	54.3	57.3	57.4	57.9	58.6	58.7	59.0	59.1	59.1	59.2	59.2	59.2	59.6
GE 3500	6.7	53.1	55.9	57.1	60.3	60.4	60.9	61.6	61.7	61.9	62.1	62.1	62.3	62.3	62.3	62.6
GE 3000	7.1	57.0	60.2	61.3	64.9	65.0	65.5	66.2	66.3	66.5	66.7	66.7	66.9	66.9	66.9	67.3
GE 2500	7.4	60.9	64.3	66.1	70.0	70.2	70.7	71.6	71.7	72.0	72.1	72.1	72.3	72.3	72.3	72.7
GE 2000	7.9	64.8	68.7	70.4	75.2	75.4	76.4	77.5	77.7	77.9	78.0	78.0	78.3	78.3	78.3	78.6
GE 1800	7.9	65.4	69.5	71.3	76.0	76.2	77.2	78.4	78.5	78.7	78.8	78.8	79.1	79.1	79.1	79.4
GE 1500	8.0	67.4	72.1	74.2	77.7	79.9	81.1	82.5	83.0	83.5	83.6	83.6	83.9	83.9	83.9	84.3
GE 1200	8.0	67.8	72.7	74.9	80.6	80.9	82.2	85.0	85.8	86.3	86.5	86.6	87.0	87.1	87.1	87.5
GE 1000	8.0	68.0	72.9	75.4	81.7	81.7	83.2	86.1	86.9	87.6	87.9	88.1	88.5	88.8	88.8	89.1
GE 900	8.0	68.1	73.0	75.5	81.4	81.6	83.3	86.5	87.4	88.1	88.4	88.5	89.0	89.2	89.2	89.6
GE 800	8.0	68.4	73.5	76.0	82.0	82.4	84.2	87.5	88.3	89.0	89.4	89.5	90.0	90.2	90.2	90.5
GE 700	8.0	68.4	73.5	76.0	82.0	82.4	84.2	87.6	88.7	89.4	89.7	89.8	90.3	90.5	90.5	90.9
GE 600	8.0	68.4	73.5	76.1	82.4	82.7	84.6	88.1	89.4	90.1	90.4	90.5	91.0	91.3	91.3	91.6
GE 500	8.0	68.8	73.9	76.6	83.2	83.6	85.5	89.2	90.7	91.6	92.0	92.1	92.6	92.8	92.8	93.3
GE 400	8.0	68.8	73.9	76.7	83.5	83.9	85.9	90.5	92.1	93.3	93.6	93.7	94.2	94.4	94.4	94.9
GE 300	8.0	68.8	73.9	76.7	83.6	84.2	86.9	92.1	93.9	95.9	96.6	96.6	97.3	97.8	98.3	98.8
GE 200	8.0	68.8	73.9	76.7	83.6	84.2	86.9	92.2	94.0	96.0	96.9	97.3	98.0	98.5	99.3	99.8
GE 100	8.0	68.8	73.9	76.7	83.6	84.2	86.9	92.2	94.0	96.1	97.0	97.4	98.1	98.6	99.4	100.0
GE 0	8.0	68.8	73.9	76.7	83.6	84.2	86.9	92.2	94.0	96.1	97.0	97.4	98.1	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.7	32.9	33.3	34.0	34.9	34.9	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3
GE 20000	4.7	36.9	37.5	38.2	39.1	39.1	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.6
GE 18000	4.7	37.0	37.6	38.3	39.4	39.4	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8
GE 16000	4.7	37.2	37.8	38.5	39.6	39.6	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1
GE 14000	5.0	37.9	38.5	39.2	40.3	40.3	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.8
GE 12000	5.3	39.0	39.6	40.4	41.5	41.5	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	42.0
GE 10000	5.6	41.1	42.0	42.8	44.0	44.0	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4
GE 9000	5.6	41.5	42.1	42.9	44.1	44.1	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8
GE 8000	5.7	43.0	44.1	45.0	46.3	46.3	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0
GE 7000	5.8	44.4	45.6	46.7	48.1	48.1	48.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8
GE 6000	5.8	44.7	46.2	47.3	48.8	48.8	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.8
GE 5000	6.0	46.0	48.2	49.3	51.1	51.1	51.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
GE 4500	6.3	46.9	49.8	51.1	53.0	53.0	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9
GE 4000	7.3	49.8	52.6	54.7	57.4	57.4	58.0	58.7	58.9	59.2	59.3	59.5	59.5	59.5	59.5	59.6
GE 3500	7.3	51.7	55.0	57.1	59.9	60.0	60.8	61.6	61.7	62.1	62.2	62.3	62.3	62.3	62.3	62.4
GE 3000	7.4	54.1	57.8	60.0	63.1	63.4	64.4	65.5	65.6	66.0	66.1	66.2	66.2	66.2	66.2	66.3
GE 2500	7.7	55.7	59.8	62.9	66.4	66.9	68.1	70.0	70.3	70.9	71.0	71.2	71.2	71.2	71.2	71.3
GE 2000	9.0	58.5	63.0	66.2	70.6	71.3	72.9	75.9	76.6	77.2	77.3	77.4	77.4	77.4	77.4	77.5
GE 1800	8.0	59.6	64.2	67.4	71.9	72.6	74.2	77.2	77.9	78.5	78.6	78.7	78.7	78.7	78.7	78.8
GE 1500	8.3	61.6	67.3	70.6	75.8	76.5	78.4	81.4	82.3	83.1	83.6	83.8	83.8	83.8	83.8	83.9
GE 1200	8.3	62.1	67.7	71.2	76.7	77.5	79.7	83.5	84.4	85.3	85.9	86.2	86.2	86.2	86.2	86.3
GE 1000	8.3	62.2	68.4	72.0	77.9	78.4	80.5	84.4	85.5	86.4	87.4	87.6	87.6	87.6	87.7	87.9
GE 900	8.3	62.3	68.8	72.3	78.0	79.0	81.1	85.1	86.2	87.1	88.1	88.3	88.3	88.4	88.5	88.8
GE 800	8.3	62.9	69.5	73.3	79.2	80.3	82.5	86.6	87.7	88.7	89.6	89.8	90.1	90.3	90.4	90.7
GE 700	8.3	62.9	69.5	73.3	79.2	80.3	82.5	86.8	87.9	88.9	89.8	90.1	90.3	90.5	90.8	91.0
GE 600	8.3	62.9	69.5	73.3	79.2	80.3	82.7	87.2	88.7	89.7	90.7	91.0	91.7	92.0	92.2	92.6
GE 500	8.3	62.9	69.5	73.4	79.7	80.4	82.9	87.7	89.1	90.4	91.7	92.2	93.1	93.4	93.6	94.1
GE 400	8.3	62.9	69.5	73.4	79.4	80.7	83.5	88.3	89.8	91.8	93.7	94.7	95.7	96.0	96.2	97.0
GE 300	8.3	62.9	69.5	73.4	79.4	80.7	83.5	88.5	90.1	92.7	95.3	96.5	97.5	98.0	98.2	99.1
GE 200	8.3	62.9	69.5	73.4	79.4	80.7	83.5	88.5	90.1	92.7	95.3	96.5	97.5	98.0	98.5	99.5
GE 100	8.3	62.9	69.5	73.4	79.4	80.7	83.5	88.5	90.1	92.7	95.3	96.5	97.5	98.0	98.5	100.0
GE 0	8.3	62.9	69.5	73.4	79.4	80.7	83.5	88.5	90.1	92.7	95.3	96.5	97.5	98.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.3	31.6	32.5	32.5	32.6	32.6	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 20000	4.4	36.5	37.7	37.7	37.8	37.8	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 18000	4.4	37.2	38.4	38.4	38.7	38.7	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 16000	4.4	37.4	38.5	38.5	38.8	38.8	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 14000	4.6	37.7	38.9	38.9	39.1	39.1	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 12000	4.7	39.4	40.5	40.5	40.8	40.8	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 10000	5.1	41.7	43.0	43.1	43.5	43.5	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 9000	5.1	41.8	43.3	43.4	44.0	44.0	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 8000	5.1	44.6	46.0	46.1	46.7	46.7	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 7000	5.2	46.1	47.5	47.6	48.2	48.2	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 6000	5.2	46.6	48.2	48.3	48.9	48.9	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 5000	5.8	48.1	50.2	50.5	51.1	51.1	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 4500	5.8	48.3	50.5	50.8	51.5	51.5	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 4000	6.3	52.0	54.5	54.8	56.4	56.5	57.1	57.4	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7
GE 3500	6.5	53.9	56.6	57.0	59.5	58.6	59.3	59.8	59.8	59.9	60.2	60.2	60.2	60.2	60.2	60.2
GE 3000	8.0	59.5	62.8	63.5	65.4	66.3	67.3	68.0	68.0	68.2	68.7	68.7	68.7	68.7	68.7	68.7
GE 2500	8.0	62.3	66.0	66.8	69.6	70.6	72.1	72.9	72.9	73.3	73.8	73.8	73.8	73.8	73.8	73.8
GE 2000	8.0	64.1	68.4	69.4	72.3	74.0	76.2	77.4	77.4	77.8	78.3	78.3	78.5	78.5	78.5	78.5
GE 1800	8.0	64.5	69.0	70.0	73.4	74.6	76.8	78.0	78.0	78.4	78.8	78.8	79.1	79.1	79.1	79.1
GE 1500	8.4	66.2	71.3	72.6	76.2	78.1	81.0	82.5	82.5	83.1	83.7	83.7	83.9	83.9	83.9	83.9
GE 1200	8.4	66.7	72.0	73.9	77.5	79.6	82.5	84.2	84.2	84.9	85.6	85.6	85.8	85.8	85.8	85.8
GE 1000	8.4	67.1	72.8	74.7	78.5	80.7	83.7	85.5	85.5	86.3	87.0	87.0	87.2	87.2	87.4	87.5
GE 900	8.4	67.7	73.6	75.5	79.2	81.6	84.5	86.6	86.6	87.5	88.2	88.2	88.5	88.8	88.9	89.0
GE 800	8.4	67.7	73.8	75.7	79.7	82.4	85.5	87.8	87.8	88.8	89.6	89.6	90.1	90.4	90.5	90.7
GE 700	8.4	68.1	74.2	76.2	80.1	83.0	86.2	88.7	88.7	89.6	90.4	90.4	90.9	91.4	91.5	91.6
GE 600	8.4	68.1	74.2	76.2	80.4	83.2	86.8	89.5	89.5	90.5	92.1	92.4	92.9	93.4	93.6	93.7
GE 500	8.4	68.1	74.2	76.5	80.7	83.6	87.2	90.5	90.7	92.0	93.6	94.2	94.9	95.5	96.1	96.2
GE 400	8.4	68.1	74.2	76.5	80.7	83.6	87.4	91.1	91.4	93.4	95.4	96.1	96.9	97.5	98.1	98.5
GE 300	8.4	68.1	74.2	76.5	80.7	83.6	87.4	91.1	91.4	93.7	95.7	96.6	97.4	98.0	98.8	99.2
GE 200	8.4	68.1	74.2	76.5	80.7	83.6	87.4	91.1	91.4	93.7	95.7	96.6	97.4	98.1	99.1	99.5
GE 100	8.4	68.1	74.2	76.5	80.7	83.6	87.4	91.1	91.4	93.7	95.7	96.6	97.4	98.1	99.1	100.0
GE 0	8.4	68.1	74.2	76.5	80.7	83.6	87.4	91.1	91.4	93.7	95.7	96.6	97.4	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: PORTSMOUTH AFB NH

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1600-1700

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.2	35.5	36.1	36.3	36.5	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1
GE 20000	39.4	39.6	40.4	40.8	41.2	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.7	41.7
GE 18000	40.3	40.3	41.1	41.5	42.0	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4	42.4
GE 16000	40.3	40.3	41.1	41.5	42.0	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4	42.4
GE 14000	40.6	40.6	41.6	42.0	42.4	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.9	42.9
GE 12000	42.2	42.2	43.3	43.6	44.1	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.6	44.6
GE 10000	45.4	45.4	46.7	47.2	47.6	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1
GE 9000	46.0	46.0	47.3	47.6	48.2	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7
GE 8000	48.0	48.0	49.3	50.1	50.7	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2
GE 7000	46.7	46.7	50.2	50.9	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2
GE 6000	49.2	49.2	50.7	51.4	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7
GE 5000	50.0	50.0	51.5	52.2	53.1	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5
GE 4500	50.4	50.4	52.0	52.7	53.6	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.3	54.3
GE 4000	53.9	53.9	56.1	57.1	58.0	58.4	58.7	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.3	59.3
GE 3500	57.1	57.1	59.6	60.6	61.9	62.3	62.6	63.1	63.1	63.4	63.6	63.6	63.6	63.6	63.7	63.7
GE 3000	62.3	62.3	64.9	66.4	68.0	68.4	69.1	69.6	69.7	70.0	70.3	70.3	70.3	70.3	70.4	70.4
GE 2500	65.4	65.4	70.4	72.0	73.6	73.8	74.2	74.3	74.6	75.2	75.2	75.2	75.2	75.3	75.3
GE 2000	68.3	72.1	74.1	76.1	77.4	78.4	79.3	79.4	80.1	80.5	80.5	80.5	80.5	80.6	80.6
GE 1500	69.1	72.9	74.9	77.1	78.4	79.3	80.6	80.7	81.4	81.8	81.8	81.8	81.8	81.9	81.9
GE 1000	70.1	74.2	76.4	79.7	81.0	82.2	83.6	83.7	84.6	85.5	85.5	85.5	85.5	85.6	85.6
GE 900	70.6	75.3	77.8	81.1	82.7	84.2	85.7	85.6	87.0	87.8	87.8	87.8	87.8	87.9	87.9
GE 800	71.0	75.9	78.8	82.2	84.0	85.7	87.4	87.5	88.7	89.5	89.5	89.5	89.5	89.6	89.6
GE 700	71.2	76.1	79.1	82.4	84.3	85.9	88.3	88.5	90.0	91.0	91.1	91.1	91.1	91.3	91.3
GE 600	71.2	76.2	79.4	83.1	84.9	86.9	89.7	90.1	91.6	93.0	93.3	93.5	93.5	93.6	93.6
GE 500	71.2	76.2	79.7	83.7	85.5	87.5	90.4	90.9	92.9	94.1	94.4	94.9	94.9	95.0	95.2
GE 400	71.2	76.2	79.7	83.7	85.5	87.5	90.4	90.9	92.9	94.2	94.7	95.2	95.2	95.3	95.4
GE 300	71.2	76.2	79.7	83.7	85.6	87.6	90.5	91.1	93.1	94.7	95.3	95.7	95.7	96.0	96.1
GE 200	71.2	76.2	79.7	83.9	85.7	87.9	91.1	91.7	94.0	95.6	96.3	96.8	96.8	97.0	97.2
GE 100	71.2	76.2	79.7	83.9	85.7	88.1	91.6	92.3	94.7	96.7	97.5	98.6	98.6	98.9	99.1
GE 50	71.2	76.2	79.7	83.9	85.7	88.1	91.6	92.3	94.8	96.9	97.8	99.2	99.2	99.6	99.8
GE 100	71.2	76.2	79.7	83.9	85.7	88.1	91.6	92.3	94.8	96.9	97.8	99.2	99.2	99.6	99.9
GE 0	71.2	76.2	79.7	83.9	85.7	88.1	91.6	92.3	94.8	96.9	97.8	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 446

GLOBAL CLIMATOLOGY BRANCH
(SAFETAC)
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 76-87
MONTH: FEB HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	5.6	39.0	39.2	39.4	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 20000	6.4	43.1	43.5	43.6	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 18000	6.4	43.6	44.0	44.1	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 16000	6.4	43.7	44.1	44.2	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 14000	6.4	43.9	44.4	44.6	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 12000	6.4	44.2	44.6	44.9	45.7	45.7	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 10000	7.0	48.3	48.9	49.3	50.1	50.1	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 9000	7.0	49.4	50.0	50.4	51.2	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 8000	7.4	52.2	53.0	53.3	54.3	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 7000	7.6	53.2	54.0	54.6	56.2	56.0	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 6000	7.6	54.0	54.9	55.4	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 5000	7.6	54.6	55.6	56.4	58.0	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 4500	7.6	55.0	56.1	57.1	58.7	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 4000	8.0	58.9	60.5	62.1	63.9	63.9	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 3500	8.6	62.1	64.1	65.7	67.5	67.6	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 3000	9.0	64.8	67.0	68.8	71.3	71.4	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 2500	9.0	67.1	70.0	72.6	75.4	76.0	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2000	9.0	69.7	72.3	74.6	78.3	79.1	80.4	81.2	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6
GE 1500	9.1	69.4	73.2	75.5	79.3	80.3	81.6	82.5	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2
GE 1000	9.1	70.2	74.3	77.2	81.2	82.4	84.2	85.5	85.9	86.8	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	9.1	70.2	74.8	77.7	81.8	83.0	84.9	86.5	87.0	87.8	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	9.1	70.6	75.2	76.1	82.5	83.7	85.6	87.2	87.7	88.5	88.9	88.9	89.0	89.0	89.0	89.0
GE 900	9.1	70.8	75.5	76.5	83.2	84.2	86.3	87.9	88.4	89.2	89.7	89.6	90.0	90.0	90.0	90.0
GE 800	9.1	71.2	76.0	79.0	83.8	84.8	87.5	89.2	89.7	90.8	91.4	91.6	91.7	91.7	91.7	91.7
GE 700	9.1	71.2	76.0	79.0	84.0	85.2	88.1	90.2	91.0	92.3	92.9	93.1	93.4	93.4	93.4	93.4
GE 600	9.1	71.2	76.0	79.0	84.0	85.2	88.1	90.2	91.0	92.3	92.9	93.1	93.4	93.4	93.4	93.4
GE 500	9.1	71.2	76.0	79.0	84.0	85.5	88.5	91.1	92.0	93.3	94.0	94.3	94.6	94.6	94.6	94.6
GE 400	9.1	71.2	76.0	79.0	84.2	85.6	89.0	92.7	93.7	95.4	96.1	96.8	96.8	96.8	96.8	96.8
GE 300	9.1	71.2	76.0	79.0	84.3	85.7	89.1	92.9	94.4	96.1	97.5	98.1	98.5	98.5	98.5	98.5
GE 200	9.1	71.3	76.1	79.1	84.4	85.8	89.2	93.0	94.6	96.2	97.6	98.2	98.7	98.9	99.1	99.3
GE 100	9.1	71.3	76.1	79.1	84.4	85.8	89.2	93.0	94.6	96.2	97.6	98.2	98.7	99.3	99.4	99.6
GE 0	9.1	71.3	76.1	79.1	84.4	85.8	89.2	93.0	94.6	96.2	97.6	98.2	98.7	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
99 CEIL	7.0	40.9	41.5	41.7	42.0	42.0	42.2	42.3	42.3	42.3	42.3	42.3	42.7	42.7	42.7	42.7
GE 20000	7.1	42.8	43.4	43.6	43.9	43.9	44.1	44.2	44.2	44.2	44.2	44.2	44.6	44.6	44.6	44.6
GE 18000	7.1	43.1	43.7	44.0	44.2	44.2	44.4	44.6	44.6	44.6	44.6	44.6	44.9	44.9	44.9	44.9
GE 15000	7.1	43.1	43.7	44.0	44.2	44.2	44.4	44.6	44.6	44.6	44.6	44.6	44.9	44.9	44.9	44.9
GE 14000	7.1	43.6	44.2	44.4	44.7	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.4	45.4	45.4	45.4
GE 12000	7.1	43.9	44.4	44.7	44.9	44.9	45.2	45.3	45.3	45.3	45.3	45.3	45.6	45.6	45.6	45.6
GE 10000	7.2	46.7	47.4	47.6	48.1	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.7	48.7	48.7	48.7
GE 9000	7.2	47.4	48.1	48.3	49.0	48.8	49.1	49.2	49.2	49.2	49.2	49.2	49.5	49.5	49.5	49.5
GE 8000	7.2	50.1	50.8	51.2	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.4	52.4	52.4	52.4
GE 7000	7.2	51.4	52.1	52.8	53.4	53.4	53.8	53.9	53.9	53.9	53.9	53.9	54.3	54.3	54.3	54.3
GE 6000	7.3	52.1	52.8	53.5	54.1	54.1	54.5	54.6	54.6	54.6	54.6	54.6	55.0	55.0	55.0	55.0
GE 5000	7.6	52.6	53.5	54.3	55.4	55.4	55.9	55.9	55.9	55.9	55.9	55.9	56.3	56.3	56.3	56.3
GE 4500	7.6	54.4	55.1	55.8	57.3	57.0	57.6	57.9	57.9	57.9	57.9	57.9	58.3	58.3	58.3	58.3
GE 4000	8.2	59.3	61.1	62.4	63.9	63.8	64.5	65.2	65.2	65.2	65.2	65.2	65.6	65.6	65.6	65.6
GE 3500	8.3	62.4	64.3	65.6	67.3	67.3	68.2	68.7	68.7	68.7	68.7	68.7	69.0	69.0	69.0	69.0
GE 3000	8.4	65.8	67.8	69.3	70.9	70.9	71.9	72.3	72.3	72.3	72.3	72.3	72.7	72.7	72.7	72.7
GE 2500	8.4	68.1	70.8	72.3	74.0	74.3	75.4	76.1	76.1	76.1	76.1	76.1	76.5	76.5	76.5	76.5
GE 2000	8.4	70.2	73.0	74.7	77.4	77.8	79.0	80.0	80.0	80.0	80.0	80.0	80.4	80.4	80.4	80.4
GE 1800	8.4	70.6	73.4	75.1	78.4	78.8	80.1	81.4	81.4	81.4	81.4	81.4	81.8	81.8	81.8	81.8
GE 1500	8.7	72.2	75.2	77.2	82.3	83.1	84.9	86.4	86.4	86.8	86.8	86.8	87.1	87.1	87.1	87.1
GE 1000	8.7	73.7	76.1	78.1	83.5	84.3	86.2	87.7	87.7	88.2	88.3	88.3	88.7	88.7	88.7	88.7
GE 1000	8.7	73.0	76.6	78.6	84.2	85.1	87.1	88.7	88.7	89.2	89.5	89.5	90.0	90.0	90.0	90.0
GE 900	8.7	73.0	76.6	78.6	84.2	85.2	87.2	88.9	88.9	89.6	89.8	89.8	90.3	90.3	90.3	90.3
GE 800	8.7	73.3	76.9	78.8	84.5	85.6	87.7	89.5	89.5	90.2	90.4	90.4	90.9	90.9	90.9	90.9
GE 700	8.7	73.3	77.2	79.3	85.1	86.2	88.5	90.4	90.5	91.3	91.6	91.7	92.2	92.2	92.2	92.2
GE 600	8.7	73.4	77.3	79.4	85.3	86.3	88.9	91.0	91.1	92.0	92.3	92.4	92.9	92.9	92.9	92.9
GE 500	8.7	73.4	77.3	79.4	85.3	86.5	89.4	91.6	92.1	93.0	93.5	93.6	94.1	94.1	94.1	94.1
GE 400	8.7	73.4	77.3	79.6	85.5	86.9	90.4	93.4	94.1	95.3	95.7	95.9	96.3	96.3	96.3	96.6
GE 300	8.7	73.4	77.3	79.6	85.5	86.9	90.5	94.0	95.0	96.5	97.4	97.5	98.5	98.5	98.5	98.7
GE 200	8.7	73.4	77.3	79.6	85.5	86.9	90.5	94.1	95.2	96.6	97.6	97.9	99.1	99.1	99.1	99.1
GE 100	8.7	73.4	77.3	79.6	85.5	86.9	90.5	94.1	95.2	96.6	97.6	97.9	99.1	99.1	99.1	100.0
GE 0	8.7	73.4	77.3	79.6	85.5	86.9	90.5	94.1	95.2	96.6	97.6	97.9	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 546

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.5	36.2	36.9	37.3	37.8	37.9	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.4
GE 20000	39.7	39.3	40.2	40.6	41.2	41.3	41.4	41.6	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.5
GE 19000	39.7	39.6	40.5	40.9	41.6	41.6	41.8	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.2
GE 18000	39.7	39.7	40.6	41.0	41.7	41.7	41.9	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.1	42.2
GE 14000	39.8	40.1	41.0	41.5	42.1	42.2	42.3	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.6	42.7
GE 12000	39.9	40.9	41.8	42.3	42.9	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.5
GE 10000	40.3	43.5	44.6	45.1	45.8	45.8	46.0	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.4
GE 9000	40.3	43.9	45.0	45.6	46.3	46.4	46.5	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	47.0
GE 8000	40.4	46.2	47.2	48.1	48.9	49.0	49.2	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.6
GE 7000	40.5	47.5	48.9	49.6	50.4	50.6	50.8	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.3
GE 6000	40.6	48.2	49.5	50.3	51.2	51.3	51.6	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.0
GE 5000	40.6	49.3	51.0	51.8	52.7	53.0	53.2	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.8
GE 4500	40.9	50.1	52.0	52.9	54.1	54.2	54.5	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.1
GE 4000	41.4	53.8	56.2	57.5	59.5	59.6	60.1	60.7	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.1
GE 3500	41.6	56.7	59.3	60.7	62.8	63.0	63.6	64.2	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.7
GE 3000	41.8	60.9	63.8	65.4	68.5	68.2	69.0	69.8	69.8	69.9	70.1	70.1	70.2	70.2	70.2	70.3
GE 2500	42.3	63.7	67.2	69.1	72.0	72.5	73.4	74.3	74.4	74.6	74.9	74.8	74.9	74.9	74.9	75.1
GE 2000	42.5	66.5	70.1	72.3	75.5	76.5	77.9	79.2	79.4	79.6	79.8	79.8	79.9	79.9	79.9	80.1
GE 1500	42.5	68.6	70.8	73.0	76.7	77.4	78.8	80.2	80.4	80.7	80.8	80.8	81.0	81.0	81.0	81.1
GE 1000	42.6	69.4	72.8	75.3	79.8	80.8	82.5	84.2	84.5	85.0	85.2	85.3	85.4	85.4	85.5	85.6
GE 1200	42.7	68.8	73.5	76.2	80.9	81.9	83.9	86.0	86.3	87.0	87.4	87.4	87.6	87.6	87.6	87.7
GE 1000	42.7	69.1	74.0	76.8	81.7	83.0	85.0	87.2	87.5	88.3	88.7	88.8	89.0	89.1	89.1	89.3
GE 900	42.7	69.3	74.3	77.1	82.2	83.3	85.4	87.8	88.1	88.9	89.5	89.5	89.8	89.9	89.9	90.1
GE 800	42.7	69.5	74.6	77.5	82.7	83.9	86.2	88.7	89.1	90.0	90.6	90.7	91.0	91.1	91.2	91.3
GE 700	42.7	69.6	74.7	77.7	83.1	84.3	86.6	89.3	89.8	90.8	91.3	91.5	91.9	92.0	92.1	92.2
GE 600	42.7	69.7	74.8	77.7	83.1	84.4	87.0	89.6	90.3	91.4	92.1	92.3	92.7	92.9	92.9	93.1
GE 500	42.7	69.7	74.9	77.9	83.4	84.8	87.4	90.6	91.2	92.4	93.2	93.5	94.1	94.2	94.4	94.6
GE 400	42.7	69.7	74.9	78.0	83.6	85.1	88.0	91.5	92.4	93.9	94.9	95.3	95.9	96.0	96.1	96.5
GE 300	42.7	69.7	74.9	78.0	83.7	85.2	88.2	92.2	93.2	95.0	96.4	96.9	97.6	97.9	98.2	98.6
GE 200	42.7	69.7	74.9	78.0	83.7	85.2	88.2	92.3	93.3	95.1	96.6	97.2	98.2	98.5	99.0	99.5
GE 100	42.7	69.7	74.9	78.0	83.7	85.2	88.2	92.3	93.3	95.2	96.7	97.3	98.2	98.6	99.1	99.9
GE 0	42.7	69.7	74.9	78.0	83.7	85.2	88.2	92.3	93.3	95.2	96.7	97.3	98.2	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0000-0200

CEILING FT FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
50 CEIL	46.1	46.1	47.3	47.5	47.8	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.4	48.4
GE 20000	48.1	48.1	49.2	49.5	49.8	50.0	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.5	50.5
GE 18000	48.3	48.3	49.5	49.7	50.0	50.2	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.8	50.8
GE 16000	48.5	48.5	48.7	49.9	50.2	50.4	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	51.0	51.0
GE 14000	48.5	48.5	49.7	50.0	50.3	50.5	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	51.1	51.1
GE 12000	48.6	48.6	49.8	50.1	50.4	50.6	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.2	51.2
GE 10000	50.3	50.3	51.5	52.0	52.4	52.6	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1
GE 8000	50.6	50.6	51.8	52.4	52.7	52.9	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4
GE 6000	52.2	52.2	53.7	54.3	54.7	54.9	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6
GE 5000	53.9	53.9	55.6	56.2	56.6	57.0	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.6
GE 4000	54.9	54.9	56.7	57.3	57.6	58.1	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.7
GE 3000	57.3	57.3	59.1	59.8	60.3	60.5	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2
GE 2500	59.2	59.2	61.2	61.8	62.4	62.6	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.2	63.2
GE 2000	64.1	64.1	66.7	67.0	67.5	68.1	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8
GE 1500	65.6	65.6	68.0	68.9	69.6	70.0	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.8	70.8
GE 1000	69.5	69.5	71.8	73.1	74.2	74.6	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6
GE 7000	73.3	73.3	76.2	77.8	79.7	79.5	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5
GE 6000	74.2	74.2	77.1	78.7	80.4	80.9	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.3
GE 5000	74.7	74.7	78.2	79.6	81.3	81.7	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4
GE 4000	75.6	75.6	79.4	81.0	82.9	83.3	84.3	84.8	84.9	85.1	85.2	85.2	85.2	85.2	85.4	85.4
GE 3000	76.7	76.7	80.3	82.2	84.7	85.2	86.1	86.7	86.8	86.9	87.1	87.1	87.2	87.2	87.4	87.4
GE 2500	77.0	77.0	80.6	83.1	85.8	86.2	87.4	88.0	88.1	88.2	88.5	88.5	88.6	88.6	88.8	88.8
GE 2000	77.4	77.4	81.2	83.7	86.3	86.8	88.1	88.7	88.8	88.9	89.5	89.5	89.6	89.6	89.8	89.8
GE 1500	77.4	77.4	81.2	83.8	86.7	87.1	88.5	89.2	89.6	89.9	90.6	90.6	90.8	90.8	91.0	91.0
GE 1000	77.4	77.4	81.3	83.9	86.9	87.5	89.1	89.9	90.2	90.5	91.3	91.3	91.4	91.4	91.6	91.6
GE 600	77.4	77.4	81.4	84.0	87.1	88.0	89.8	90.5	90.9	91.2	91.9	91.9	92.0	92.0	92.3	92.3
GE 500	77.4	77.4	81.5	84.4	87.7	89.1	91.5	92.7	93.0	93.4	94.5	94.5	94.6	94.6	94.8	94.8
GE 400	77.4	77.4	81.5	84.5	88.3	89.4	92.3	94.0	94.5	95.1	96.1	96.1	96.2	96.2	96.5	96.5
GE 300	77.4	77.4	81.5	84.5	88.4	89.4	92.9	94.9	95.6	96.2	97.6	97.6	97.8	98.0	98.2	98.2
GE 200	77.4	77.4	81.5	84.5	88.4	89.4	93.1	95.2	95.9	96.7	98.3	98.4	98.9	99.0	99.5	99.5
GE 100	77.4	77.4	81.5	84.5	88.4	89.4	93.1	95.2	95.9	96.7	98.3	98.4	98.9	99.0	99.5	99.5
GE 0	77.4	77.4	81.5	84.5	88.4	89.4	93.1	95.2	95.9	96.7	98.3	98.4	98.9	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	46.2	45.5	46.2	46.8	47.2	47.3	47.7	47.7	47.8	48.0	48.1	48.1	48.2	48.2	48.2	48.5
GE 20000	46.3	47.4	48.2	48.7	49.1	49.2	49.9	49.9	50.0	50.1	50.2	50.2	50.3	50.3	50.3	50.6
GE 18000	46.3	47.5	48.3	48.8	49.2	49.4	50.0	50.0	50.1	50.2	50.3	50.3	50.4	50.4	50.4	50.8
GE 16000	46.3	47.5	48.3	48.8	49.2	49.4	50.0	50.0	50.1	50.2	50.3	50.3	50.4	50.4	50.4	50.8
GE 14000	46.3	47.7	48.5	49.0	49.5	49.6	50.2	50.2	50.3	50.4	50.5	50.5	50.6	50.6	50.6	51.0
GE 12000	46.3	48.1	48.8	49.4	49.8	49.9	50.5	50.5	50.6	50.8	50.9	50.9	51.0	51.0	51.0	51.3
GE 10000	46.3	49.1	50.0	50.5	51.0	51.1	51.7	51.7	51.8	51.9	52.0	52.0	52.2	52.2	52.2	52.5
GE 9000	46.3	49.6	50.4	51.0	51.4	51.5	52.2	52.2	52.3	52.4	52.5	52.5	52.6	52.6	52.6	52.9
GE 8000	46.3	51.4	52.5	53.0	53.4	53.5	54.2	54.2	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.9
GE 7000	46.5	52.8	54.0	54.7	55.3	55.4	56.0	56.0	56.1	56.2	56.3	56.3	56.5	56.5	56.5	56.8
GE 6000	46.6	53.7	54.8	55.6	56.1	56.2	56.9	56.9	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.6
GE 5000	46.7	55.7	57.1	57.8	58.5	58.6	59.2	59.2	59.4	59.5	59.6	59.6	59.7	59.7	59.7	60.0
GE 4500	46.2	57.6	59.2	60.0	60.6	60.6	61.4	61.4	61.5	61.6	61.7	61.7	61.8	61.8	61.8	62.2
GE 4000	46.2	61.6	63.4	64.3	65.0	65.0	66.9	66.9	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.6
GE 3500	46.3	62.9	64.6	65.5	66.4	67.2	68.2	68.2	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.9
GE 3000	46.3	65.9	67.6	69.0	70.0	71.2	72.2	72.2	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.9
GE 2500	46.3	68.7	71.0	73.5	75.3	75.7	76.8	76.9	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.6
GE 2000	46.3	70.5	74.3	76.1	78.0	78.4	79.8	80.4	80.5	80.6	80.8	80.8	80.9	80.9	80.9	81.2
GE 1800	46.3	70.6	74.7	76.8	78.8	79.0	80.4	81.1	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.8
GE 1500	46.3	72.6	77.1	79.2	81.4	82.4	84.0	84.8	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.6
GE 1000	46.3	73.5	77.8	80.2	82.4	83.3	84.9	85.9	86.0	86.1	86.2	86.2	86.7	86.7	86.7	87.0
GE 700	46.3	74.3	78.6	81.4	83.5	84.7	86.5	87.5	87.6	87.7	87.8	87.8	88.3	88.3	88.3	88.6
GE 600	46.3	74.7	79.1	81.9	84.1	85.4	87.2	88.3	88.4	88.5	88.6	88.6	89.0	89.0	89.1	89.5
GE 500	46.3	74.7	79.2	82.2	84.4	85.8	87.6	88.7	88.8	89.1	89.4	89.4	89.9	89.9	90.0	90.3
GE 400	46.3	74.7	79.2	82.2	84.4	86.0	87.8	88.9	89.0	89.4	89.6	89.6	90.1	90.1	90.2	90.5
GE 300	46.3	74.7	79.2	82.2	84.6	86.2	88.3	89.5	89.7	90.0	90.4	90.4	91.2	91.2	91.3	91.7
GE 200	46.3	74.8	79.7	82.7	85.4	87.0	89.7	91.5	92.0	92.4	92.8	92.8	93.5	93.5	93.7	94.1
GE 150	46.3	74.8	79.7	82.7	85.6	87.2	90.5	93.0	93.9	94.4	95.1	95.1	95.9	95.9	96.0	96.5
GE 100	46.3	74.8	79.8	82.9	85.9	87.7	91.4	94.2	95.2	95.7	96.5	96.6	97.5	97.6	97.7	98.2
GE 70	46.3	74.8	79.8	82.9	85.9	87.7	91.6	94.5	95.6	96.2	97.4	97.5	98.6	98.7	98.8	99.4
GE 100	46.3	74.8	79.8	82.9	85.9	87.7	91.6	94.5	95.6	96.2	97.4	97.5	98.6	98.7	99.0	99.6
GE 0	46.3	74.8	79.8	82.9	85.9	87.7	91.6	94.5	95.6	96.3	97.5	97.6	98.7	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 934

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.2	40.6	41.8	42.4	43.4	43.4	43.7	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.2
GE 20000	4.3	43.1	44.9	45.6	46.9	46.8	47.1	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6
GE 18000	4.3	43.1	44.9	45.6	46.9	46.9	47.2	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	48.0
GE 16000	4.3	43.2	45.1	45.7	47.0	47.0	47.3	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	48.1
GE 14000	4.3	43.4	45.3	45.9	47.2	47.2	47.5	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.3
GE 12000	4.3	43.4	45.3	45.9	47.2	47.2	47.5	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.3
GE 10000	4.3	45.1	47.0	47.6	48.9	48.9	49.2	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	50.0
GE 9000	4.3	45.6	47.6	48.3	49.6	49.6	49.9	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.6
GE 8000	4.6	48.0	50.2	51.1	52.4	52.5	52.9	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.7
GE 7000	4.7	49.0	51.4	52.3	53.7	53.8	54.3	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	55.1
GE 6000	4.7	49.5	51.8	52.8	54.7	54.4	54.9	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.7
GE 5000	4.8	51.2	53.9	55.2	56.9	57.0	57.5	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.3
GE 4500	4.8	52.8	55.6	56.9	58.7	58.8	59.4	59.9	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.3
GE 4000	4.8	57.7	60.6	62.5	64.5	64.6	65.3	65.9	65.9	65.9	66.1	66.1	66.2	66.2	66.2	66.5
GE 3500	4.8	59.1	62.4	64.2	66.2	66.3	67.0	67.6	67.6	67.6	67.8	67.8	68.0	68.0	68.0	68.2
GE 3000	5.1	61.3	65.1	67.0	69.[illegible]	69.6	70.2	70.9	70.9	70.9	71.1	71.1	71.2	71.2	71.2	71.4
GE 2500	5.1	64.7	69.1	71.3	73.[illegible]	74.1	74.8	75.5	75.5	75.5	75.7	75.7	75.8	75.8	75.8	76.0
GE 2000	5.1	67.4	72.0	74.3	77.4	77.6	78.5	79.4	79.4	79.4	79.6	79.6	79.7	79.7	79.7	79.9
GE 1800	5.1	68.0	72.7	75.1	78.[illegible]	78.4	79.2	80.1	80.1	80.1	80.3	80.3	80.4	80.4	80.4	80.6
GE 1500	5.1	69.7	74.6	77.0	80.1	80.4	81.7	83.0	83.0	83.0	83.2	83.2	83.3	83.3	83.3	83.5
GE 1200	5.1	70.5	75.5	78.1	81.[illegible]	81.5	82.8	84.1	84.1	84.1	84.3	84.3	84.4	84.4	84.4	84.6
GE 1000	5.1	71.3	76.2	79.1	82.6	82.9	84.3	85.7	85.7	85.7	85.9	86.2	86.3	86.3	86.3	86.6
GE 900	5.1	72.0	77.1	80.1	83.7	84.1	85.5	87.0	87.0	87.0	87.2	87.5	87.6	87.6	87.6	88.0
GE 800	5.1	72.2	77.3	80.4	84.4	84.8	86.3	87.8	87.8	87.8	88.4	88.7	88.8	88.8	88.8	89.1
GE 700	5.1	72.3	77.4	80.5	84.6	85.1	86.6	88.2	88.3	88.3	88.9	89.2	89.4	89.4	89.4	89.7
GE 600	5.1	72.3	77.4	80.6	84.9	85.5	87.1	89.0	89.2	89.2	90.1	90.4	90.9	90.9	90.9	91.3
GE 500	5.1	72.3	77.7	81.0	85.8	86.8	88.5	91.6	92.0	92.2	93.1	93.4	94.0	94.0	94.0	94.5
GE 400	5.1	72.3	77.7	81.2	86.2	87.2	89.2	92.8	93.3	93.8	94.7	95.1	95.8	95.8	95.9	96.6
GE 300	5.1	72.4	78.1	81.5	86.7	87.5	89.8	93.7	94.2	94.7	96.2	96.6	97.4	97.4	97.6	98.6
GE 200	5.1	72.4	78.1	81.5	86.6	87.5	89.8	93.7	94.2	94.7	96.3	96.6	97.8	97.8	98.2	99.4
GE 100	5.1	72.4	78.1	81.5	86.6	87.5	89.8	93.7	94.2	94.7	96.5	96.9	98.0	98.0	98.4	99.7
GE 0	5.1	72.4	78.1	81.5	86.6	87.5	89.8	93.7	94.2	94.7	96.5	96.9	98.0	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	5.5	41.4	42.0	42.4	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 20000	5.6	45.1	45.8	46.2	46.9	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 18000	5.6	45.2	45.9	46.3	47.0	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 16000	5.6	45.5	46.2	46.7	47.3	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 14000	5.6	45.8	46.6	47.0	47.7	47.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 12000	5.6	46.1	46.9	47.3	48.1	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 10000	5.7	47.5	48.3	48.7	49.6	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 9000	5.7	48.0	48.7	49.1	50.0	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 8000	5.7	49.9	51.0	51.4	52.3	52.3	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 7000	5.9	51.0	52.0	52.6	53.5	53.5	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 6000	5.9	51.4	52.5	53.0	54.0	54.0	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 5000	6.0	53.1	54.6	55.3	56.5	56.5	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 4500	6.0	54.4	56.2	57.1	58.3	58.3	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 4000	6.2	58.5	60.6	61.6	63.2	63.3	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
GE 3500	6.5	60.2	62.5	63.4	65.2	65.4	66.2	66.6	66.6	66.7	66.7	66.7	66.8	66.9	66.8	66.6
GE 3000	6.8	63.0	65.8	67.0	69.3	69.5	70.8	71.2	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5
GE 2500	6.9	65.3	68.4	69.8	72.4	72.6	74.2	74.9	74.9	75.3	75.3	75.3	75.4	75.4	75.4	75.4
GE 2000	7.1	69.0	72.8	74.3	76.9	77.1	78.8	79.6	79.6	79.9	80.0	80.0	80.2	80.2	80.2	80.2
GE 1800	7.1	69.7	73.5	75.1	77.8	77.8	79.6	80.3	80.3	80.6	80.8	80.8	81.0	81.0	81.0	81.0
GE 1500	7.2	71.4	75.5	77.2	80.8	81.1	83.0	84.0	84.2	84.5	84.8	84.8	85.1	85.1	85.1	85.1
GE 1200	7.2	72.0	76.1	77.8	81.6	82.0	84.3	85.3	85.5	85.9	86.2	86.2	86.5	86.5	86.5	86.5
GE 1000	7.2	72.4	76.7	78.6	82.9	83.3	85.8	86.9	87.1	87.5	88.0	88.0	88.2	88.2	88.2	88.2
GE 900	7.2	72.6	77.2	79.1	83.4	84.0	86.8	87.8	88.3	88.7	89.1	89.1	89.4	89.4	89.4	89.5
GE 800	7.2	73.2	77.6	79.6	84.2	84.6	87.6	88.7	89.1	89.6	90.0	90.0	90.2	90.2	90.2	90.3
GE 700	7.2	73.7	78.1	80.2	84.9	85.6	88.4	89.8	90.3	90.8	91.2	91.2	91.4	91.4	91.4	91.5
GE 600	7.2	73.7	78.3	80.6	85.5	86.1	89.2	91.2	91.7	92.3	93.0	93.0	93.2	93.2	93.2	93.3
GE 500	7.2	73.7	78.5	80.9	85.9	86.7	90.1	92.7	93.3	93.9	94.6	94.6	95.2	95.4	95.4	95.5
GE 400	7.2	73.8	78.7	81.2	86.2	87.1	90.6	93.7	94.5	95.2	96.1	96.1	96.7	96.9	97.0	97.2
GE 300	7.2	73.8	78.7	81.2	86.3	87.1	90.6	93.9	94.8	95.7	97.1	97.2	98.0	98.2	98.4	98.8
GE 200	7.2	73.8	78.7	81.2	86.3	87.1	90.8	94.0	94.9	95.8	97.2	97.3	98.4	98.6	98.9	99.6
GE 100	7.2	73.8	78.7	81.2	86.3	87.1	90.8	94.0	94.9	95.8	97.2	97.3	98.5	98.7	99.2	100.0
GE 0	7.2	73.8	78.7	81.2	86.3	87.1	90.8	94.0	94.9	95.8	97.2	97.3	98.5	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1200-1400

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	6.0	42.7	43.1	43.1	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 20000	6.2	46.7	47.2	47.2	47.3	47.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 18000	6.2	47.0	47.6	47.6	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 16000	6.2	47.0	47.6	47.6	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 14000	6.2	47.4	48.1	48.1	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 12000	6.2	48.1	48.7	48.7	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 10000	6.2	49.4	50.0	50.0	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 9000	6.2	50.0	50.6	50.6	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 8000	6.5	52.2	52.8	52.8	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 7000	6.7	53.1	53.8	53.8	54.7	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 6000	7.0	54.0	54.6	54.6	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 5000	7.1	55.1	55.7	55.7	56.8	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 4500	7.2	55.9	56.6	56.6	57.8	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 4000	7.2	60.4	61.1	61.6	63.0	63.3	63.8	63.8	63.8	63.9	63.9	63.9	64.1	64.1	64.1	64.1
GE 3500	7.3	62.9	63.6	64.7	66.0	66.3	66.9	67.1	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.4
GE 3000	8.0	68.1	69.0	70.1	71.7	72.2	72.8	73.1	73.1	73.3	73.3	73.3	73.5	73.5	73.5	73.5
GE 2500	8.0	71.4	73.6	74.2	76.1	76.6	77.5	77.8	77.8	78.1	78.1	78.1	78.3	78.3	78.3	78.3
GE 2000	8.0	74.3	76.2	77.7	79.8	80.5	81.4	81.7	81.7	82.0	82.0	82.0	82.3	82.3	82.5	82.5
GE 1800	8.0	74.9	76.9	78.4	80.8	81.3	82.3	82.7	82.8	83.1	83.2	83.2	83.4	83.4	83.7	83.7
GE 1500	8.0	76.9	79.7	82.0	84.6	85.3	86.6	87.2	87.3	88.2	88.3	88.3	88.5	88.5	88.7	88.7
GE 1000	8.0	77.5	80.4	83.1	85.9	86.7	88.4	89.1	89.2	90.1	90.2	90.2	90.4	90.4	90.6	90.6
GE 900	8.0	78.1	81.1	84.0	87.0	88.0	89.7	90.6	90.8	91.8	92.3	92.3	92.5	92.5	92.7	92.7
GE 800	8.0	78.8	81.8	84.7	87.8	88.8	90.5	91.6	91.7	92.5	93.2	93.2	93.4	93.4	93.7	93.7
GE 700	8.0	79.4	82.5	85.4	88.7	89.7	91.5	92.6	92.7	93.8	94.2	94.2	94.4	94.4	94.6	94.6
GE 600	8.0	79.4	82.6	85.5	88.9	89.8	91.7	92.9	93.0	94.[illegible]	94.6	94.6	94.8	94.8	95.1	95.1
GE 500	8.0	79.4	82.6	85.5	88.8	89.8	92.0	93.8	93.9	95.1	95.7	95.7	95.9	95.9	96.1	96.1
GE 450	8.0	79.5	82.7	85.8	89.5	90.5	93.0	94.7	94.8	96.2	97.0	97.0	97.3	97.3	97.5	97.5
GE 400	8.0	79.5	82.8	85.8	89.5	90.5	93.1	95.1	95.3	96.7	97.5	97.5	97.8	97.8	98.1	98.1
GE 300	8.0	79.6	82.9	85.9	89.6	90.6	93.2	95.5	95.8	97.5	98.5	98.6	99.0	99.0	99.2	99.2
GE 200	8.0	79.6	82.9	85.9	89.6	90.6	93.3	95.6	96.0	97.7	98.7	98.8	99.5	99.5	99.9	99.9
GE 100	8.0	79.6	82.9	85.9	89.6	90.6	93.3	95.6	96.0	97.7	98.7	98.8	99.5	99.5	100.0	100.0
GE 0	8.0	79.6	82.9	85.9	89.6	90.6	93.3	95.6	96.0	97.7	98.7	98.8	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 939

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
	VISIBILITY IN STATUTE MILES															
NO CEIL	6.6	43.3	43.9	44.1	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 20000	6.1	48.7	49.4	49.6	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 18000	6.1	49.6	50.2	50.4	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0
GE 16000	6.1	49.6	50.2	50.4	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0
GE 14000	6.1	50.1	50.8	51.0	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5
GE 12000	6.2	51.1	51.9	52.3	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8
GE 10000	6.3	52.6	53.5	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4
GE 9000	6.3	53.5	54.5	54.8	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4
GE 8000	6.5	55.9	56.9	57.5	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
GE 7000	6.7	57.3	58.5	59.1	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7
GE 6000	6.8	58.1	59.4	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5
GE 5000	6.8	58.9	60.2	61.1	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6
GE 4500	6.8	59.1	60.4	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0
GE 4000	6.8	62.3	63.7	64.9	65.5	65.6	65.7	65.7	65.7	65.7	65.8	65.8	66.0	66.0	66.0	66.0
GE 3500	7.0	67.1	68.5	69.9	70.4	70.6	70.8	70.8	70.8	70.8	70.9	70.9	71.1	71.1	71.1	71.1
GE 3000	7.3	70.6	72.3	74.0	74.9	75.2	75.7	75.7	75.8	75.8	75.9	75.9	76.1	76.1	76.1	76.1
GE 2500	7.3	73.0	75.1	76.9	78.2	78.6	79.6	79.7	79.8	79.9	80.0	80.0	80.2	80.2	80.2	80.2
GE 2000	7.3	74.7	77.6	79.5	80.9	81.4	82.4	82.5	82.8	83.0	83.2	83.2	83.4	83.4	83.4	83.4
GE 1500	7.3	74.9	78.1	80.0	81.4	81.9	82.9	83.0	83.3	83.5	83.8	83.8	84.0	84.0	84.0	84.0
GE 1000	7.3	75.0	79.1	81.8	83.5	83.9	85.4	85.6	85.9	86.8	87.0	87.0	87.2	87.2	87.2	87.2
GE 1200	7.3	76.5	80.8	83.0	84.7	85.5	87.0	87.2	87.5	88.5	88.7	88.8	89.0	89.0	89.0	89.1
GE 1000	7.3	77.2	81.0	84.2	86.7	87.4	89.0	89.6	89.9	90.9	91.2	91.3	91.5	91.5	91.5	91.6
GE 900	7.3	77.5	81.3	84.5	87.1	87.8	89.5	90.0	90.3	91.3	91.6	91.7	91.9	91.9	91.9	92.0
GE 800	7.3	77.8	81.7	85.1	87.6	88.4	90.1	90.6	91.0	92.0	92.4	92.6	92.8	93.1	93.1	93.2
GE 700	7.3	78.1	81.9	85.4	88.0	88.7	90.4	91.0	91.4	92.5	92.8	93.1	93.4	93.8	93.8	93.9
GE 600	7.3	78.1	82.0	85.5	88.1	88.8	90.8	91.5	91.9	93.3	93.7	94.0	94.4	94.7	94.7	94.8
GE 500	7.3	78.2	82.4	85.8	88.4	89.1	91.4	92.2	92.6	94.3	94.9	95.2	95.7	96.0	96.0	96.1
GE 400	7.3	78.4	82.6	86.0	88.7	89.5	91.9	92.8	93.2	95.3	96.0	96.3	96.9	97.2	97.2	97.3
GE 300	7.3	78.4	82.6	86.0	88.7	89.5	91.9	93.0	93.8	96.2	97.0	97.3	98.1	98.5	98.5	98.7
GE 200	7.3	78.4	82.6	86.0	88.8	89.6	92.0	93.1	94.0	96.5	97.4	97.7	98.9	99.4	99.7	100.0
GE 100	7.3	78.4	82.6	86.0	88.8	89.6	92.0	93.1	94.0	96.5	97.4	97.7	98.9	99.4	99.7	100.0
GE 0	7.3	78.4	82.6	86.0	88.8	89.6	92.0	93.1	94.0	96.5	97.4	97.7	98.9	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1900-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.6	44.1	44.6	45.3	45.8	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 20000	5.1	48.8	49.5	50.2	50.7	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	5.1	49.0	49.7	50.4	51.0	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 16000	5.1	49.1	49.8	50.5	51.1	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 14000	5.1	49.6	50.2	51.0	51.5	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 12000	5.1	50.1	50.8	51.5	52.1	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 10000	5.7	51.7	52.5	53.3	54.0	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 9000	5.3	52.4	53.1	54.0	54.6	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 8000	5.5	54.5	55.3	56.8	57.5	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 7000	5.6	55.7	56.5	58.1	58.8	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 6000	5.8	57.5	58.3	59.9	60.7	61.3	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 5000	5.8	59.4	60.2	62.3	63.0	63.7	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 4500	5.8	60.9	62.6	64.6	64.8	65.4	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.6
GE 4000	5.9	64.3	65.8	68.0	68.7	69.4	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.2	70.3
GE 3500	5.9	67.1	68.6	70.8	71.7	72.3	72.7	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.5
GE 3000	6.3	70.3	71.9	74.6	75.4	76.2	76.6	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.6
GE 2500	6.3	72.6	75.2	78.3	79.5	80.4	80.9	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.9	82.0
GE 2000	6.3	73.7	76.4	80.1	81.4	82.3	82.9	83.6	83.9	84.3	84.4	84.4	84.4	84.4	84.5	84.6
GE 1800	6.3	74.4	77.2	80.9	82.3	83.3	83.8	84.6	84.9	85.2	85.3	85.3	85.3	85.3	85.5	85.6
GE 1600	6.3	74.9	77.8	82.2	83.7	85.0	85.6	86.3	86.6	87.0	87.1	87.1	87.1	87.1	87.2	87.3
GE 1400	6.3	76.6	79.1	83.6	85.5	86.6	87.2	88.1	88.5	88.8	88.9	88.9	88.9	88.9	89.0	89.1
GE 1200	6.3	76.8	80.1	84.5	86.7	87.7	88.5	89.5	89.9	90.2	90.4	90.4	90.6	90.6	90.7	90.8
GE 1000	6.3	76.9	80.1	84.6	86.9	88.6	88.8	89.9	90.2	90.6	91.2	91.2	91.6	91.6	91.7	91.8
GE 900	6.3	77.3	80.5	85.0	87.3	88.5	89.3	90.3	90.6	91.1	91.6	91.6	92.0	92.0	92.1	92.2
GE 800	6.3	77.7	81.0	85.8	88.3	89.4	90.3	91.5	91.8	92.2	92.8	92.8	93.4	93.4	93.5	93.6
GE 700	6.3	77.7	81.0	85.8	88.7	89.6	90.6	92.0	92.5	92.9	93.4	93.4	94.1	94.1	94.2	94.3
GE 600	6.3	77.7	81.0	85.9	88.7	90.0	90.8	92.2	92.4	93.4	94.0	94.0	94.6	94.6	94.7	94.8
GE 500	6.3	77.7	81.0	86.1	89.3	90.7	91.6	93.4	94.2	95.2	95.8	95.8	96.4	96.4	96.6	96.7
GE 400	6.3	77.7	81.0	86.1	89.7	90.7	91.6	93.5	94.4	96.4	97.2	97.2	98.1	98.1	98.2	98.3
GE 300	6.3	77.7	81.0	86.1	89.4	90.8	91.7	93.6	94.5	96.9	98.0	98.0	98.9	99.2	99.5	99.6
GE 100	6.3	77.7	81.0	86.1	89.4	90.8	91.7	93.6	94.5	96.9	98.0	98.0	98.9	99.2	99.5	100.0
GE 0	6.3	77.7	81.0	86.1	89.4	90.8	91.7	93.6	94.5	96.9	98.0	98.0	98.9	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 76-87
MONTH: MAR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	46.6	45.7	46.3	47.2	48.1	48.1	48.2	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.5
GE 20000	49.9	49.6	50.2	51.2	52.7	52.5	52.6	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	53.0
GE 18000	49.9	49.7	50.3	51.3	52.4	52.8	52.9	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.2
GE 16000	49.9	49.7	50.3	51.3	52.4	52.8	52.9	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.2
GE 14000	49.9	49.9	50.6	51.7	52.6	53.1	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.5
GE 12000	50.0	50.6	51.2	52.3	53.4	53.7	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.2
GE 10000	50.0	51.1	51.8	52.9	53.9	54.3	54.4	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.7
GE 9000	50.0	51.1	51.8	52.9	53.9	54.3	54.4	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.7
GE 8000	50.2	53.7	54.6	55.7	57.0	57.4	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.8
GE 7000	50.2	54.0	54.9	56.1	57.5	57.9	58.0	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.4
GE 6000	50.2	55.1	56.1	57.3	58.7	59.1	59.2	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.5
GE 5000	50.3	58.7	59.9	61.4	62.8	63.2	63.3	63.4	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.9
GE 4500	50.3	60.1	61.4	62.9	64.3	64.6	64.9	65.0	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.5
GE 4000	50.3	65.5	67.2	68.8	70.3	70.9	71.0	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.5
GE 3500	50.3	67.3	69.2	70.9	72.6	73.1	73.2	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.8
GE 3000	50.3	70.2	72.4	74.5	76.5	77.0	77.1	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7
GE 2500	50.3	72.9	75.8	78.0	80.5	81.0	81.1	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.7
GE 2000	50.3	73.8	76.9	79.8	82.6	83.2	83.4	83.5	83.7	83.8	83.8	83.8	83.9	83.8	83.8	83.9
GE 1800	50.3	74.6	77.8	80.9	83.7	84.3	84.5	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1
GE 1500	50.3	75.8	79.3	83.1	86.7	87.3	87.5	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.3
GE 1200	50.3	76.5	79.9	83.7	87.4	87.9	88.1	88.5	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.1
GE 1000	50.3	77.0	80.5	84.5	88.1	88.7	88.9	89.2	89.4	89.6	89.9	89.9	89.9	89.9	89.9	90.0
GE 900	50.3	77.2	80.8	85.1	88.8	89.3	89.8	90.1	90.3	90.6	90.8	90.8	90.9	90.9	90.9	91.0
GE 800	50.3	77.5	81.1	85.4	89.1	89.6	90.2	90.5	90.7	91.4	91.6	91.6	91.7	91.7	91.7	91.8
GE 700	50.3	77.5	81.1	85.7	89.5	90.1	90.8	91.2	91.5	92.3	92.6	92.6	92.7	92.7	92.7	92.8
GE 600	50.3	77.5	81.1	85.7	89.5	90.1	90.8	91.5	91.9	92.8	93.0	93.0	93.1	93.1	93.1	93.2
GE 500	50.3	77.5	81.1	85.8	89.8	90.3	91.2	92.2	92.8	93.9	94.2	94.2	94.3	94.3	94.3	94.4
GE 450	50.3	77.6	81.4	86.5	90.5	91.0	92.1	93.5	94.4	96.0	96.4	96.4	96.5	96.5	96.5	96.7
GE 400	50.3	77.6	81.4	86.5	90.6	91.2	92.3	94.0	94.8	96.6	97.3	97.3	97.6	97.6	97.7	98.0
GE 300	50.3	77.6	81.4	86.5	90.6	91.2	92.4	94.2	95.0	97.2	98.0	98.0	98.6	98.8	99.0	99.4
GE 200	50.3	77.6	81.4	86.5	90.6	91.2	92.4	94.2	95.0	97.2	98.1	98.1	98.7	98.9	99.4	99.8
GE 0	50.3	77.6	81.4	86.5	90.6	91.2	92.4	94.2	95.0	97.2	98.1	98.1	98.7	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.5	43.7	44.4	44.6	45.4	45.4	45.6	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.9
GE 20000	5.2	47.2	48.2	48.5	49.2	49.3	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8
GE 18000	5.2	47.4	48.3	48.6	49.5	49.6	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.2
GE 16000	5.2	47.5	48.4	48.9	49.5	49.7	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2
GE 14000	5.2	47.6	48.7	49.2	49.9	50.0	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.6
GE 12000	5.2	48.3	49.2	49.7	50.4	50.5	50.8	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.1
GE 10000	5.3	49.6	50.6	51.1	51.9	52.0	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.5	52.5
GE 9000	5.3	50.1	51.1	51.6	52.7	52.5	52.9	52.8	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.1
GE 8000	5.4	52.2	53.4	54.1	54.9	55.1	55.4	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.7
GE 7000	5.6	53.4	54.6	55.4	56.2	56.4	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.1
GE 6000	5.7	54.3	55.5	56.3	57.3	57.4	57.7	57.8	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.1
GE 5000	5.8	56.2	57.6	58.6	59.5	59.7	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4
GE 4500	5.9	57.5	59.1	60.1	61.1	61.3	61.7	61.8	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.1
GE 4000	5.9	61.6	63.6	64.9	66.1	66.4	66.9	67.0	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.4
GE 3500	6.0	64.1	65.9	67.3	68.6	68.9	69.4	69.6	69.7	69.8	69.8	69.8	69.9	69.9	70.0	70.0
GE 3000	6.2	67.4	69.5	71.2	72.9	73.2	73.8	74.1	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.5
GE 2500	6.2	70.2	73.1	75.0	76.5	77.3	78.1	78.5	78.6	78.7	78.7	78.7	78.8	78.8	78.9	79.0
GE 2000	6.3	72.2	75.4	77.6	79.7	80.2	81.1	81.6	81.7	81.9	82.0	82.0	82.1	82.1	82.2	82.2
GE 1800	6.3	72.7	76.1	78.3	80.5	81.0	81.9	82.4	82.6	82.8	82.9	82.9	83.0	83.0	83.1	83.1
GE 1500	6.3	74.2	77.8	80.4	83.1	83.6	84.7	85.4	85.6	86.0	86.1	86.1	86.2	86.2	86.3	86.4
GE 1200	6.3	74.9	78.7	81.5	84.5	84.8	86.1	86.9	87.0	87.4	87.6	87.6	87.8	87.8	87.8	87.9
GE 1000	6.3	75.5	78.3	82.4	85.4	86.1	87.5	88.4	88.6	89.0	89.2	89.3	89.5	89.5	89.5	89.7
GE 900	6.3	75.9	79.6	83.0	86.3	86.8	88.3	89.2	89.4	89.8	90.2	90.2	90.4	90.4	90.5	90.7
GE 800	6.3	76.2	80.1	83.3	86.5	87.3	88.9	89.6	90.0	90.6	91.0	91.1	91.3	91.4	91.4	91.6
GE 700	6.3	76.3	80.3	83.6	86.9	87.8	89.4	90.4	90.7	91.3	91.7	91.8	92.1	92.1	92.2	92.3
GE 600	6.3	76.3	80.4	83.7	87.1	88.0	89.8	91.1	91.5	92.1	92.7	92.7	93.1	93.1	93.2	93.4
GE 500	6.3	76.4	80.6	84.0	87.6	88.7	90.8	92.5	92.9	93.7	94.4	94.5	94.9	95.0	95.1	95.2
GE 400	6.3	76.4	80.7	84.3	88.[illegible]	89.1	91.4	93.5	94.2	95.2	96.0	96.1	96.5	96.6	96.7	96.9
GE 300	6.3	76.4	80.7	84.3	88.1	89.2	91.7	94.1	94.8	96.2	97.2	97.3	97.9	98.0	98.2	98.5
GE 200	6.3	76.4	80.8	84.3	88.1	89.2	91.8	94.2	95.0	96.5	97.7	97.8	98.7	98.9	99.2	99.6
GE 100	6.3	76.4	80.8	84.3	88.1	89.2	91.8	94.2	95.0	96.5	97.7	97.8	98.7	98.9	99.3	99.8
GE 0	6.3	76.4	80.8	84.3	88.1	89.2	91.8	94.2	95.0	96.5	97.7	97.8	98.8	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 7455

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0000-0200

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
	VISIBILITY IN STATUTE MILES															
NO CEIL	12.3	48.4	49.0	49.6	50.1	50.1	50.2	50.4	50.4	50.4	50.6	50.6	50.7	50.7	50.7	50.8
GE 20000	12.9	50.4	51.0	51.8	52.4	52.4	52.6	52.8	52.8	52.8	52.9	52.9	53.0	53.0	53.0	53.1
GE 18000	12.9	50.4	51.0	51.8	52.4	52.4	52.6	52.8	52.8	52.8	52.9	52.9	53.0	53.0	53.0	53.1
GE 16000	12.9	50.4	51.0	51.8	52.4	52.4	52.6	52.8	52.8	52.8	52.9	52.9	53.0	53.0	53.0	53.1
GE 14000	12.9	50.4	51.0	51.8	52.4	52.4	52.6	52.8	52.8	52.8	52.9	52.9	53.0	53.0	53.0	53.1
GE 12000	12.9	50.6	51.1	51.9	52.6	52.6	52.7	52.9	52.9	52.9	53.0	53.0	53.1	53.1	53.1	53.2
GE 10000	13.2	52.1	52.9	53.8	54.4	54.4	54.6	54.8	54.8	54.8	54.9	54.9	55.0	55.0	55.0	55.1
GE 9000	13.3	52.6	53.3	54.2	55.1	55.1	55.2	55.4	55.4	55.4	55.6	55.6	55.7	55.7	55.7	55.8
GE 8000	13.8	55.2	56.1	57.0	57.9	57.9	58.0	58.2	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.6
GE 7000	13.8	55.6	56.4	57.3	58.7	58.7	58.8	59.1	59.1	59.1	59.2	59.2	59.3	59.3	59.3	59.4
GE 6000	14.2	57.9	58.9	59.8	61.1	61.1	61.2	61.6	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.9
GE 5000	14.2	59.6	60.6	61.7	63.1	63.1	63.2	63.7	63.7	63.7	63.8	63.8	63.9	63.9	63.9	64.0
GE 4500	14.5	62.4	63.8	64.7	66.1	66.1	66.2	66.7	66.7	66.7	66.8	66.8	66.9	66.9	66.9	67.0
GE 4000	15.2	68.8	70.4	71.6	73.0	73.0	73.1	73.6	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.1
GE 3500	15.2	70.4	72.1	73.2	74.7	74.7	74.8	75.2	75.4	75.4	75.6	75.6	75.7	75.7	75.7	75.8
GE 3000	15.9	74.2	76.1	77.4	78.9	78.9	79.0	79.4	79.7	79.7	79.8	79.8	79.9	79.9	79.9	80.0
GE 2500	15.9	75.7	77.8	79.2	80.7	80.7	80.8	81.2	81.4	81.4	81.6	81.6	81.7	81.7	81.7	81.8
GE 2000	16.2	77.8	80.1	81.6	83.0	83.0	83.2	83.7	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.2
GE 1800	16.2	78.2	80.6	82.0	83.4	83.4	83.7	84.1	84.3	84.3	84.4	84.4	84.6	84.6	84.6	84.7
GE 1500	16.2	79.9	82.7	84.3	85.9	85.9	86.1	86.6	86.8	86.8	86.9	86.9	87.0	87.0	87.0	87.1
GE 1200	16.2	80.0	82.9	84.6	86.1	86.1	86.3	86.8	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.3
GE 1000	16.2	80.7	83.6	85.2	86.7	86.7	87.1	87.6	87.8	87.8	87.9	87.9	88.1	88.1	88.1	88.2
GE 900	16.4	80.9	84.0	85.7	87.2	87.2	87.6	88.3	88.6	88.6	88.7	88.7	88.9	88.9	88.9	89.0
GE 800	16.4	81.1	84.2	86.0	87.6	87.6	87.9	88.7	88.9	88.9	89.0	89.0	89.2	89.2	89.2	89.3
GE 700	16.4	81.4	84.9	86.7	88.2	88.2	88.7	89.4	89.7	89.7	89.8	89.8	90.0	90.0	90.0	90.1
GE 600	16.4	81.7	85.3	87.2	89.2	89.3	89.8	90.6	90.8	90.8	90.9	90.9	91.2	91.2	91.2	91.3
GE 500	16.4	81.9	85.6	88.2	90.4	90.4	91.3	92.2	92.4	92.4	92.6	92.6	92.9	92.9	92.9	93.0
GE 400	16.4	81.9	85.8	88.2	90.9	91.0	92.8	93.8	94.0	94.2	94.3	94.3	94.8	94.8	94.9	95.0
GE 300	16.4	81.9	85.9	88.3	91.6	91.7	94.0	95.1	95.8	96.0	96.2	96.3	96.8	96.8	97.0	97.1
GE 200	16.4	81.9	86.0	88.5	91.9	92.0	95.1	96.6	97.2	97.6	97.8	98.1	98.7	98.7	99.1	99.4
GE 100	16.4	81.9	86.0	88.6	91.9	92.0	95.2	96.8	97.6	97.9	98.1	98.4	99.0	99.0	99.4	99.9
GE 0	16.4	81.9	86.0	88.6	91.9	92.0	95.2	96.8	97.6	97.9	98.1	98.4	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 9[illegible]

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: APR — HOURS(LST): [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
≥0 CEIL	11.2	48.1	48.7	48.8	49.2	49.2	49.3	49.4	49.6	49.7	49.7	49.7	49.9	49.9	[illegible]	[illegible]
GE 20000	12.6	51.3	52.0	52.2	52.6	52.8	52.9	53.0	53.1	53.2	53.2	53.2	53.4	53.4	53.4	53.4
GE 18000	12.6	51.3	52.0	52.2	52.4	52.8	52.9	53.0	53.1	53.2	53.2	53.2	53.4	53.4	53.4	53.4
GE 16000	12.6	51.3	52.0	52.2	52.4	52.8	52.9	53.0	53.1	53.2	53.2	53.2	53.4	53.4	53.4	53.4
GE 14000	12.6	51.7	52.3	52.6	53.1	53.1	53.2	53.3	53.4	53.6	53.6	53.6	53.8	53.8	[illegible]	[illegible]
GE 12000	12.6	52.2	52.4	53.1	53.7	53.7	53.8	53.9	54.0	54.1	54.1	54.1	54.3	54.3	54.4	54.4
GE 10000	12.9	53.6	54.3	54.6	55.3	55.3	55.4	55.6	55.7	55.8	55.8	55.8	56.0	56.0	56.1	56.1
GE 9000	13.0	54.6	55.1	55.3	56.1	56.1	56.2	56.3	56.4	56.6	56.6	56.6	56.8	56.8	[illegible]	[illegible]
GE 8000	13.7	56.9	58.0	58.2	59.2	59.6	59.1	59.2	59.3	59.4	59.4	59.4	59.7	59.7	59.8	[illegible]
GE 7000	13.7	58.2	59.4	59.9	60.9	60.9	61.0	61.2	61.3	61.4	61.4	61.4	61.7	61.7	61.8	61.8
GE 6000	13.8	59.1	60.6	61.1	62.5	62.2	62.3	62.6	62.7	62.8	62.8	62.8	63.0	63.0	63.1	63.1
GE 5000	13.9	63.4	67.0	62.6	63.7	63.7	63.8	64.0	64.1	64.2	64.2	64.2	64.4	64.4	64.6	64.6
GE 4500	14.2	63.[illegible]	64.6	65.3	66.4	66.4	66.6	66.8	66.[illegible]	67.0	67.0	67.0	67.2	67.2	67.3	67.3
GE 4000	15.2	68.7	71.0	71.7	73.8	72.8	73.0	73.2	73.3	73.6	73.6	73.6	73.8	73.8	73.9	73.9
GE 3500	15.2	69.9	72.3	73.1	74.2	74.2	74.7	74.9	75.0	75.2	75.2	75.2	75.4	75.4	75.6	75.6
GE 3000	15.5	72.4	75.5	76.3	77.4	77.4	79.0	79.2	79.3	78.6	79.6	78.6	78.8	78.8	79.0	79.0
GE 2500	16.0	74.4	77.[illegible]	78.4	79.7	79.7	80.5	81.4	80.5	80.6	80.8	80.8	81.0	81.0	81.1	81.1
GE 2000	16.0	76.6	79.9	80.1	81.5	81.4	82.0	82.2	82.3	82.[illegible]	82.6	82.6	82.8	82.8	82.9	[illegible]
GE 1500	16.0	76.[illegible]	79.[illegible]	80.6	81.9	82.6	82.6	82.8	82.9	83.1	83.1	83.1	83.3	83.3	83.4	83.4
GE 1000	16.2	78.0	81.4	82.9	84.[illegible]	84.4	85.0	85.6	85.7	85.9	85.9	85.9	86.1	86.1	86.2	86.2
GE 1200	16.3	79.4	82.0	83.4	84.9	85.0	85.6	86.1	86.2	86.4	86.4	86.4	86.7	86.7	86.8	86.8
GE 1100	16.3	79.1	82.7	84.1	85.6	85.7	86.2	86.6	87.0	87.2	87.3	87.[illegible]	87.6	87.7	87.7	87.7
GE 900	16.3	79.6	83.1	84.6	86.[illegible]	86.1	87.0	87.7	88.0	88.2	88.2	88.[illegible]	88.6	88.6	88.7	88.7
GE 800	15.7	79.6	83.1	84.6	86.[illegible]	86.1	87.0	87.7	88.0	88.[illegible]	88.3	88.3	88.7	88.7	88.8	88.8
GE 700	16.4	80.0	83.7	85.1	86.6	86.7	87.4	88.2	88.6	88.9	89.1	89.1	89.4	89.4	89.6	89.6
GE 600	16.4	80.2	84.1	85.6	87.0	87.1	88.0	88.8	89.1	89.4	89.7	89.7	90.0	[illegible]	90.1	90.1
GE 500	16.4	80.3	84.6	86.[illegible]	88.4	88.7	89.7	91.1	91.4	91.8	92.0	92.0	92.3	92.3	92.4	92.7
GE 400	16.4	80.3	84.7	86.4	89.[illegible]	89.6	91.2	92.9	93.3	93.9	94.2	94.[illegible]	94.6	94.6	94.7	94.[illegible]
GE 300	16.4	80.6	85.[illegible]	87.[illegible]	90.[illegible]	0.2	92.1	94.3	95.0	95.[illegible]	96.3	96.3	96.9	96.9	97.0	97.[illegible]
GE 200	16.4	80.7	85.7	87.[illegible]	90.[illegible]	1.8	92.8	95.6	95.7	96.4	97.0	97.1	97.8	97.8	98.0	98.4
GE 100	16.4	80.7	86.[illegible]	87.[illegible]	90.[illegible]	1.8	92.8	95.6	95.8	96.6	97.1	97.[illegible]	97.9	97.9	98.1	98.[illegible]
GE 0	16.4	80.7	86.7	87.2	90.[illegible]	91.8	92.8	95.6	95.8	96.6	97.1	97.2	97.9	97.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: APR — HOURS(LST): 0[illegible]-[illegible]

CEILING FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
GE CEIL	47.2	44.1	44.9	45.3	45.4	45.8	45.8	45.9	45.9	45.9	46.0	46.0	46.0	46.1	46.1	46.1
GE 20000	47.9	47.3	48.2	49.0	49.4	49.4	49.4	49.6	49.6	49.6	49.7	49.7	49.7	49.8	49.8	49.8
GE 18000	47.9	47.6	48.4	49.3	49.4	49.8	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1
GE 16000	47.9	47.6	48.4	49.3	49.7	49.8	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1
GE 14000	48.1	48.3	49.2	50.1	50.6	50.6	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.9	50.9	50.9
GE 12000	51.2	52.1	53.0	53.9	54.3	54.3	54.3	54.4	54.4	54.4	54.6	54.6	54.6	54.7	54.7	54.7
GE 10000	53.9	54.7	55.7	56.7	57.1	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.4
GE 9000	54.2	55.2	56.2	57.2	57.9	57.9	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.3	58.3
GE 8000	55.6	56.6	57.6	58.6	58.9	58.9	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.4	59.6	59.6
GE 7000	57.6	58.6	59.7	60.7	61.2	61.5	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.4	62.6	62.6
GE 6000	59.9	60.1	61.6	62.9	63.9	63.9	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.4	64.6	64.6
GE 5000	60.3	63.1	64.6	65.6	66.6	66.9	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.4	67.6	67.6
GE 4000	63.4	63.2	65.1	66.7	68.0	68.0	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.6	68.7	68.7
GE 3000	65.0	67.2	69.1	70.8	72.2	72.2	72.3	72.4	72.4	72.4	72.6	72.6	72.6	72.8	72.9	72.9
GE 2500	65.1	68.4	70.6	72.3	73.8	73.8	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.3	74.4	74.4
GE 2000	65.6	71.5	73.2	75.1	76.4	76.9	77.0	77.2	77.2	77.2	77.4	77.4	77.4	78.1	78.2	78.2
GE 1800	67.7	72.2	74.4	76.3	78.3	78.3	78.6	78.8	78.8	78.8	79.0	79.0	79.0	79.8	79.9	79.9
GE 1600	69.9	74.2	76.4	78.9	81.0	81.2	81.4	81.6	81.6	81.6	82.4	82.4	82.4	82.6	82.8	82.8
GE 1400	70.7	74.9	77.1	79.6	81.7	81.9	82.1	82.4	82.4	82.4	83.1	83.1	83.2	83.4	83.6	83.6
GE 1200	70.1	76.1	78.8	81.2	83.6	84.0	84.3	84.8	84.8	84.8	85.2	85.4	85.4	85.6	85.8	85.8
GE 1000	71.1	76.8	79.4	82.0	84.7	84.8	85.1	85.7	85.7	85.7	86.3	86.3	86.4	86.7	86.8	86.8
GE 900	72.1	77.4	80.1	82.9	85.4	85.9	86.2	86.9	86.9	86.9	87.4	87.4	87.4	87.7	87.8	87.8
GE 800	72.1	77.6	80.4	83.2	86.1	86.6	87.1	87.8	87.8	87.8	88.4	88.4	88.4	88.7	88.8	88.8
GE 700	72.2	77.7	80.6	83.4	86.2	86.8	87.4	88.2	88.2	88.2	88.8	88.8	88.8	89.2	89.3	89.3
GE 600	72.2	77.7	80.6	83.6	86.8	87.0	87.7	88.6	89.1	89.3	89.6	89.6	89.8	90.0	90.2	90.2
GE 500	72.3	77.8	80.7	83.8	86.9	87.4	88.2	89.2	89.8	90.1	90.2	90.4	90.6	91.0	91.0	91.0
GE 400	72.3	77.8	80.8	84.1	87.2	88.2	89.3	90.6	91.1	91.4	91.7	91.7	92.0	92.2	92.4	92.4
GE 300	72.3	78.1	81.1	84.7	88.4	90.8	91.1	92.4	93.9	94.4	94.9	94.9	95.2	95.4	95.7	95.7
GE 200	72.3	78.1	81.2	84.7	88.[illegible]	90.1	91.6	93.6	94.7	95.4	96.2	96.2	96.6	96.9	97.1	97.3
GE 150	72.3	78.1	81.2	84.8	88.9	90.2	91.7	93.7	94.9	95.8	96.7	97.3	97.4	97.8	98.1	98.6
GE 100	72.3	78.2	81.3	84.8	88.9	90.2	91.7	93.7	94.9	95.8	97.1	97.4	98.3	98.4	99.0	99.6
GE 0	72.3	78.2	81.3	84.8	88.9	90.2	91.7	93.7	94.9	95.8	97.1	97.4	98.3	98.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
DRAFTAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: APR — HOURS(LST): 0900-1100

CEILING FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	44.0	44.3	44.7	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 25000	49.7	49.6	50.1	50.3	50.3	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 18000	50.9	49.9	51.4	51.7	51.7	51.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 16000	50.9	50.3	51.6	51.1	51.1	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 14000	50.9	50.7	51.2	51.4	51.4	51.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 12000	53.9	52.3	52.9	53.1	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 10000	54.3	55.1	55.7	56.0	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 9000	54.4	56.0	56.6	56.9	56.9	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 8000	55.7	59.3	60.0	60.4	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 7000	55.9	61.3	62.1	62.8	63.1	63.3	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 6000	56.0	62.7	63.4	64.1	64.4	64.8	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	57.1	64.6	65.4	66.4	66.7	67.2	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4500	56.1	65.4	66.6	67.8	68.2	68.6	69.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4000	56.4	68.3	69.9	70.9	71.7	71.7	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3500	56.9	70.1	71.8	72.9	73.7	73.7	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3000	57.4	72.1	73.9	75.1	75.9	76.2	76.8	77.2	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6
GE 2500	57.4	74.2	76.1	77.6	78.7	79.1	79.8	80.2	80.3	80.7	80.8	80.8	80.8	80.8	80.8	80.8
GE 2000	57.6	76.1	78.2	79.8	81.2	81.7	82.4	82.9	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4
GE 1500	57.7	76.7	78.9	81.3	81.9	82.2	83.0	83.4	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 1000	57.7	78.7	81.2	82.8	84.7	84.8	85.6	85.1	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7
GE 500	57.9	80.2	83.9	84.8	86.2	86.7	87.4	88.0	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6
GE 400	58.1	81.1	84.1	85.8	87.7	88.1	88.9	89.4	89.6	89.9	90.0	90.0	90.0	90.0	90.1	90.1
GE 300	58.1	81.1	84.2	86.2	88.[illegible]	88.4	89.2	89.9	90.0	90.3	90.4	90.4	90.4	90.4	90.6	90.6
GE 200	58.1	81.4	84.6	86.3	89.4	91.9	89.7	91.9	91.1	91.4	91.6	91.6	91.6	91.6	91.7	91.7
GE 150	58.1	81.9	85.1	87.0	89.[illegible]	89.6	90.6	91.0	92.0	92.3	92.6	92.6	92.6	92.6	92.7	92.7
GE 100	58.1	82.2	85.8	87.4	89.7	90.2	91.[illegible]	92.2	92.4	92.6	93.0	93.0	93.1	93.1	93.2	93.2
GE 70	58.1	82.3	85.7	87.9	90.[illegible]	90.9	91.7	93.1	93.3	93.7	94.0	94.[illegible]	94.1	94.1	94.[illegible]	94.[illegible]
GE 50	58.1	82.6	85.9	88.3	90.9	91.3	92.3	94.4	94.9	95.2	95.8	95.8	95.9	95.9	96.[illegible]	96.[illegible]
GE 30	58.1	82.6	85.9	88.4	91.[illegible]	91.6	92.7	96.[illegible]	96.7	97.2	98.0	98.0	98.3	98.3	98.4	98.4
GE 20	58.1	82.6	85.9	88.4	91.[illegible]	91.6	92.8	96.3	97.6	97.7	98.4	98.4	98.8	99.1	99.2	99.4
GE 10	58.1	82.6	85.9	88.4	91.[illegible]	91.6	92.9	96.3	97.8	97.7	98.4	98.4	98.9	99.3	99.7	99.9
0	58.1	82.6	85.9	88.4	91.[illegible]	91.6	92.9	96.3	97.8	97.7	98.4	98.4	98.9	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WOLTSMITH AFB MT — PERIOD OF RECORD: 77-84
MONTH: APR HOURS(LST): 1300-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	11.6	41.8	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 20000	17.1	47.6	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 15000	13.6	47.9	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 10000	17.1	48.4	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 7000	17.7	49.1	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 5000	14.7	51.4	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 3000	15.0	53.8	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 2500	15.0	54.1	55.1	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 2000	17.4	56.6	57.0	57.5	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 1500	15.9	59.1	60.4	60.8	61.0	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 1000	15.9	63.4	61.0	62.1	62.4	62.6	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 700	16.1	61.7	63.1	63.7	63.9	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 500	16.0	62.1	63.7	64.2	64.4	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 400	15.9	66.3	68.1	68.6	68.7	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 300	16.7	68.1	70.9	71.2	71.3	71.5	71.9	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2
GE 200	17.9	72.4	74.7	75.7	76.1	76.3	76.4	76.5	76.9	77.1	77.3	77.3	77.4	77.4	77.4	77.4
GE 150	17.9	75.0	77.5	78.9	79.7	80.0	80.3	81.7	80.8	81.0	81.2	81.2	81.3	81.3	81.3	81.3
GE 100	17.9	78.9	81.1	82.1	83.1	83.6	84.2	84.6	84.7	85.1	85.3	85.3	85.6	85.6	85.6	85.6
GE 70	17.9	79.9	81.7	82.7	84.1	84.4	85.0	85.3	85.4	85.9	86.1	86.1	86.3	86.3	86.3	86.3
GE 50	17.9	82.2	84.2	85.2	86.7	87.1	87.5	88.1	88.2	88.7	88.9	88.9	89.1	89.1	89.1	89.1
GE 30	19.7	82.7	84.4	85.4	87.8	87.8	88.7	89.6	89.1	89.6	89.8	89.8	90.0	90.0	90.0	90.0
GE 20	19.7	82.9	85.2	86.3	87.8	88.4	89.7	90.1	90.2	90.7	90.9	90.9	91.1	91.1	91.1	91.1
GE 15	19.7	83.4	85.7	87.0	88.4	89.3	90.7	91.3	91.4	91.9	92.1	92.1	92.3	92.3	92.3	92.3
GE 10	19.7	83.6	86.7	87.8	89.8	90.7	91.9	92.4	93.0	93.4	93.7	93.7	93.9	93.9	93.9	93.9
GE 7	19.7	83.6	86.7	88.2	90.7	91.0	92.1	94.1	94.7	94.7	94.9	94.9	95.1	95.1	95.1	95.1
GE 5	19.7	84.0	86.9	88.6	91.1	91.7	93.9	94.9	95.0	95.4	95.7	95.7	95.9	95.9	95.9	95.9
GE 4	19.7	84.2	87.2	88.9	91.4	92.1	94.6	95.7	95.8	96.2	96.4	96.4	96.7	96.7	96.7	96.7
GE 3	19.7	84.2	87.2	89.2	91.6	92.4	94.7	96.1	96.3	96.8	97.0	97.0	97.2	97.2	97.2	97.2
GE 2	19.7	84.2	87.2	89.2	91.9	92.7	95.1	96.7	97.1	97.5	98.0	98.0	98.5	98.5	98.5	98.5
GE 1	19.7	84.3	87.4	89.4	92.1	93.0	95.3	96.9	97.6	98.3	98.4	98.7	99.2	99.2	99.2	99.3
GE 0	19.7	84.3	87.4	89.4	92.1	93.0	95.3	96.9	97.6	98.3	98.6	98.7	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 9

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	11.0	42.6	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 20000	17.4	47.7	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 18000	17.8	48.2	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 16000	12.5	46.6	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 14000	12.8	48.8	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 12000	13.1	50.2	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 10000	17.6	52.1	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 9000	17.7	52.4	52.8	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 8000	13.9	54.4	55.2	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 7000	14.1	56.9	57.8	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 6000	14.8	58.4	60.2	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 5000	15.2	60.6	61.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 4500	15.2	60.7	62.3	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 4000	17.1	66.7	68.3	69.3	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 3500	16.3	68.7	70.6	71.7	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3000	17.3	73.3	75.3	76.4	76.4	76.6	77.3	77.3	77.3	77.4	77.4	77.4	77.7	77.7	77.7	77.7
GE 2500	17.7	77.6	79.7	80.8	81.2	81.2	81.8	81.8	81.8	81.9	81.9	81.9	82.1	82.1	82.1	82.1
GE 2000	17.8	80.0	82.2	83.4	84.2	84.2	84.9	84.9	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.2
GE 1500	17.3	81.1	83.4	84.7	85.4	85.4	86.2	86.2	86.2	86.3	86.3	86.3	86.6	86.6	86.6	86.6
GE 1000	17.9	83.0	85.4	86.5	87.4	87.4	89.0	89.0	89.0	89.1	89.1	89.2	89.4	89.4	89.4	89.4
GE 500	17.8	83.3	85.9	87.4	88.3	88.9	90.0	90.0	90.0	90.1	90.1	90.2	90.4	90.4	90.4	90.4
GE 300	17.8	84.1	86.6	88.2	90.3	90.2	91.6	91.7	91.7	91.8	91.9	92.0	92.3	92.3	92.3	92.3
GE 200	17.8	84.3	87.1	88.9	91.5	91.0	92.4	92.6	92.6	92.8	92.9	93.0	93.2	93.2	93.2	93.2
GE 100	17.8	84.9	88.0	89.6	91.9	92.0	93.4	93.6	93.6	93.8	93.9	94.0	94.2	94.2	94.2	94.2
GE 50	17.8	85.1	88.2	90.1	92.2	92.4	94.2	94.4	94.4	94.9	95.0	95.2	95.4	95.4	95.4	95.4
GE 0	17.8	85.1	88.2	90.2	92.2	92.4	94.7	95.0	95.0	95.6	95.7	95.9	96.1	96.1	96.1	96.1
GE 20000	17.8	85.2	88.7	90.2	93.7	93.8	94.8	95.2	95.2	95.8	95.8	96.3	96.6	96.6	96.6	96.6
GE 18000	17.8	85.2	88.4	90.4	93.7	93.2	95.7	96.1	96.1	96.7	97.0	97.3	97.8	97.8	97.8	97.8
GE 16000	17.3	85.2	88.4	90.4	93.7	93.2	95.4	96.2	96.3	96.9	97.2	97.6	98.0	98.2	98.2	98.3
GE 14000	17.5	85.2	88.4	90.4	93.7	93.3	95.8	96.5	97.1	97.5	98.1	98.4	99.2	99.6	99.6	99.6
GE 12000	17.8	85.2	88.4	90.4	93.7	93.3	95.8	96.8	97.1	97.8	98.1	98.4	99.2	99.7	99.7	100.0
GE 10000	17.8	85.2	88.4	90.4	93.7	93.3	95.8	96.8	97.1	97.8	98.1	98.4	99.2	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.3	44.1	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 20000	12.9	49.7	50.3	50.6	50.7	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 18000	13.0	49.8	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 16000	13.0	49.8	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 14000	13.0	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 12000	13.0	50.9	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 10000	13.8	53.2	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 9000	13.9	54.2	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 8000	13.9	56.9	58.0	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 7000	13.9	58.6	60.1	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 6000	14.7	59.6	61.8	62.6	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 5000	15.1	61.4	63.4	64.2	64.7	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 4500	15.1	62.0	64.1	64.9	65.0	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4000	16.2	67.6	69.7	70.6	70.3	71.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3500	16.7	69.4	71.6	72.6	72.9	73.1	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 3000	16.9	73.1	75.3	76.4	77.1	77.3	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2500	16.9	76.6	79.2	80.8	81.4	81.7	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2000	17.3	78.1	80.9	82.3	84.1	84.3	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	17.3	78.3	81.2	82.7	84.6	84.8	85.4	86.0	86.0	86.0	86.0	86.0	86.	86.0	86.0	86.0
GE 1600	17.3	79.4	82.4	84.1	86.1	86.3	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1400	17.3	80.3	83.3	85.0	87.3	87.6	88.4	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1200	17.3	80.6	83.7	85.3	87.7	87.9	88.8	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1000	17.3	81.0	84.2	86.2	88.6	88.8	89.9	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 900	17.3	81.3	84.6	86.8	89.5	89.4	90.8	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 800	17.3	81.6	84.8	87.1	89.5	90.0	91.3	92.1	92.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7
GE 700	17.3	81.8	85.0	87.4	90.4	90.7	92.2	93.1	93.2	93.6	93.8	93.8	93.8	93.8	93.8	93.8
GE 600	17.3	81.9	85.2	88.0	91.1	91.4	93.2	94.9	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6
GE 500	17.3	82.0	85.4	88.1	91.4	91.9	94.0	95.8	96.2	97.0	97.2	97.2	97.4	97.4	97.4	97.4
GE 400	17.3	82.0	85.4	88.1	91.6	91.9	94.4	96.3	97.1	98.0	98.2	98.2	98.4	98.4	98.4	98.4
GE 300	17.3	82.0	85.4	88.1	91.6	91.9	94.6	96.6	97.3	98.6	99.0	99.0	99.3	99.4	99.6	99.6
GE 200	17.3	82.0	85.4	88.1	91.6	91.9	94.6	96.6	97.3	98.6	99.0	99.0	99.3	99.4	99.6	99.7
GE 100	17.3	82.0	85.4	88.1	91.6	91.9	94.6	96.6	97.3	98.6	99.0	99.0	99.3	99.4	99.6	100.0

TOTAL OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.9	46.8	47.4	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0
GE 20000	47.3	49.9	50.6	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.6
GE 18000	47.3	49.9	50.6	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.6
GE 16000	47.3	50.0	50.7	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7
GE 14000	47.3	50.4	51.1	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1
GE 12000	47.3	50.7	51.3	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
GE 10000	47.9	53.7	54.3	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3
GE 9000	48.0	54.4	55.1	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3
GE 8000	48.0	56.2	56.9	57.6	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
GE 7000	48.0	58.3	59.7	60.6	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
GE 6000	48.4	60.0	61.4	62.3	62.4	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
GE 5000	48.8	62.3	63.9	64.8	65.2	65.2	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7
GE 4500	48.8	64.0	65.6	66.7	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
GE 4000	49.6	69.7	71.9	72.8	73.2	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7
GE 3500	50.2	73.1	75.4	76.3	76.8	76.8	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3
GE 3000	50.2	75.7	78.4	79.3	80.0	80.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6
GE 2500	50.2	77.3	80.4	81.4	82.6	82.6	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
GE 2000	50.6	78.7	82.2	83.3	84.4	84.4	84.8	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.6
GE 1800	50.6	79.0	82.6	83.7	84.8	84.9	85.2	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE 1500	50.6	80.1	84.3	85.6	86.5	87.0	87.3	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1
GE 1200	50.6	80.7	85.1	86.3	87.6	87.8	88.1	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9
GE 1000	50.6	81.0	85.4	86.9	88.1	88.3	88.9	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7
GE 900	50.6	81.4	86.1	87.8	89.0	89.2	89.9	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.9
GE 800	50.6	81.8	86.4	88.1	89.3	89.6	90.2	90.8	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.7
GE 700	50.6	81.8	86.4	88.1	89.3	89.7	90.3	91.0	91.3	91.8	92.0	92.0	92.0	92.0	92.0	92.1
GE 600	50.6	81.9	86.6	88.3	89.5	90.3	91.1	91.6	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.9
GE 500	50.6	82.1	86.9	88.7	90.4	91.2	92.1	93.2	93.6	94.0	94.2	94.2	94.2	94.2	94.2	94.3
GE 400	50.6	82.2	87.0	88.9	90.9	91.8	93.0	94.4	94.9	95.6	95.8	95.8	95.9	95.9	96.0	96.1
GE 300	50.6	82.2	87.0	88.9	91.1	92.1	93.9	95.6	96.2	96.9	97.1	97.1	97.2	97.2	97.4	97.6
GE 200	50.6	82.2	87.0	88.9	91.1	92.2	94.2	96.2	96.9	97.8	98.2	98.6	99.0	99.0	99.3	99.4
GE 100	50.6	82.2	87.0	88.9	91.1	92.3	94.3	96.3	97.1	98.0	98.4	98.8	99.3	99.3	99.7	99.8
GE 0	50.6	82.2	87.0	88.9	91.1	92.3	94.3	96.3	97.1	98.0	98.4	98.8	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WOLSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	11.6	45.0	45.5	45.8	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2
GE 20000	12.7	49.2	49.8	50.3	50.5	50.5	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.8
GE 18000	12.7	49.4	50.0	50.4	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9
GE 16000	12.7	49.6	50.2	50.6	50.9	50.9	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.2
GE 14000	12.8	49.9	50.6	51.0	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5
GE 12000	13.0	50.9	51.6	52.0	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5
GE 10000	13.6	53.2	53.8	54.3	54.6	54.6	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.9
GE 9000	13.7	53.8	54.6	55.0	55.4	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7
GE 8000	14.2	56.4	57.4	57.9	58.2	58.3	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7
GE 7000	14.3	58.3	59.5	60.2	60.5	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2
GE 6000	14.7	59.8	61.2	62.0	62.5	62.6	62.7	62.8	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.1
GE 5000	15.0	61.5	63.1	63.9	64.5	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.1	65.1	65.1
GE 4500	15.0	62.9	64.6	65.4	66.1	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.6	66.6	66.6
GE 4000	15.8	67.9	69.8	70.8	71.4	71.5	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.2	72.2
GE 3500	16.0	69.8	71.8	72.7	73.6	73.7	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4
GE 3000	16.6	73.1	75.3	76.5	77.4	77.5	77.8	78.1	78.2	78.3	78.4	78.4	78.5	78.5	78.6	78.6
GE 2500	16.6	75.4	77.8	79.1	80.3	80.4	80.8	81.1	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6
GE 2000	16.8	77.5	80.1	81.4	82.9	83.0	83.5	83.9	84.0	84.1	84.2	84.2	84.3	84.4	84.4	84.4
GE 1800	16.9	78.0	80.6	82.0	83.5	83.6	84.2	84.5	84.6	84.8	84.9	84.9	85.0	85.0	85.0	85.1
GE 1500	17.0	79.7	82.6	84.1	85.7	85.9	86.5	87.0	87.1	87.2	87.3	87.3	87.4	87.5	87.5	87.5
GE 1200	17.0	80.3	83.3	84.9	86.5	86.8	87.5	87.9	88.1	88.2	88.3	88.3	88.4	88.4	88.5	88.5
GE 1000	17.1	80.8	83.9	85.6	87.4	87.7	88.4	88.9	89.1	89.2	89.3	89.3	89.5	89.5	89.6	89.6
GE 900	17.1	81.1	84.4	86.2	88.1	88.3	89.2	89.8	90.0	90.2	90.3	90.3	90.5	90.5	90.5	90.6
GE 800	17.1	81.4	84.7	86.6	88.6	88.8	89.8	90.5	90.8	91.0	91.1	91.1	91.3	91.3	91.3	91.4
GE 700	17.1	81.7	85.0	87.0	89.1	89.4	90.4	91.2	91.4	91.8	91.9	92.0	92.1	92.2	92.2	92.2
GE 600	17.1	81.8	85.3	87.3	89.6	89.9	91.1	91.9	92.2	92.5	92.7	92.7	92.9	93.0	93.0	93.0
GE 500	17.1	81.9	85.6	87.8	90.2	90.6	92.1	93.3	93.5	93.8	94.1	94.1	94.3	94.3	94.4	94.4
GE 400	17.1	82.0	85.7	88.0	90.8	91.4	93.1	94.6	95.0	95.5	95.8	95.8	96.1	96.1	96.2	96.3
GE 300	17.1	82.1	85.8	88.1	91.1	91.7	93.7	95.5	96.1	96.8	97.2	97.2	97.6	97.7	97.8	97.9
GE 200	17.1	82.1	85.8	88.2	91.2	91.8	94.0	96.0	96.7	97.5	98.0	98.2	98.7	98.8	99.0	99.3
GE 100	17.1	82.1	85.8	88.2	91.2	91.9	94.1	96.0	96.8	97.6	98.1	98.3	98.9	99.0	99.3	99.8
GE 0	17.1	82.1	85.8	88.2	91.2	91.9	94.1	96.0	96.8	97.6	98.1	98.3	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	10.4	55.2	57.0	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.7	58.7	58.7	58.7
GE 20000	10.6	58.3	60.3	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.0	62.0	62.0
GE 18000	10.6	58.3	60.3	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.0	62.0	62.0
GE 16000	10.6	58.5	60.5	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.3	62.3	62.3	62.3
GE 14000	10.6	58.5	60.5	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.3	62.3	62.3	62.3
GE 12000	10.6	60.0	62.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.9	63.9	63.9	63.9
GE 10000	11.9	63.7	66.1	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	68.1	68.1	68.1	68.1
GE 9000	11.9	64.1	66.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.5	68.5	68.5	68.5
GE 8000	11.9	69.0	71.9	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	74.1	74.1	74.1	74.1
GE 7000	12.2	70.2	73.1	74.4	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	75.4	75.4	75.4	75.4
GE 6000	12.3	71.4	74.5	75.8	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.8	76.8	76.8	76.8
GE 5000	12.3	73.3	76.7	78.5	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.5	79.5	79.5	79.5
GE 4500	12.3	74.6	78.1	80.0	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5	81.1	81.1	81.1	81.1
GE 4000	12.6	79.1	83.0	85.2	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	86.2	86.2	86.2	86.2
GE 3500	12.6	79.9	83.8	85.9	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	87.3	87.3	87.3	87.3
GE 3000	12.9	81.3	85.3	87.4	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.8	88.8	88.8	88.8
GE 2500	13.0	81.9	86.1	88.3	88.9	88.9	89.2	89.5	89.5	89.5	89.5	89.5	90.0	90.0	90.0	90.0
GE 2000	13.2	82.4	86.8	88.9	89.4	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.8	90.8	90.8	90.8
GE 1800	13.2	82.5	86.9	89.0	89.7	89.8	90.1	90.3	90.3	90.3	90.3	90.3	90.9	90.9	90.9	90.9
GE 1500	13.2	82.9	87.3	89.5	90.2	90.4	90.8	91.2	91.3	91.3	91.3	91.3	91.8	91.8	91.8	91.8
GE 1200	13.2	83.2	87.6	90.1	90.9	91.1	91.4	91.8	91.9	91.9	91.9	91.9	92.5	92.5	92.5	92.5
GE 1000	13.2	83.2	88.1	90.4	91.4	91.6	92.0	92.5	92.6	92.6	92.6	92.6	93.1	93.1	93.1	93.1
GE 900	13.5	83.7	88.5	90.9	91.8	92.0	92.5	92.9	93.0	93.0	93.0	93.0	93.5	93.5	93.5	93.5
GE 800	13.5	83.8	88.5	91.2	92.4	92.7	93.2	93.7	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3
GE 700	13.5	83.9	88.9	91.3	92.6	92.9	93.5	94.0	94.1	94.1	94.1	94.1	94.6	94.6	94.6	94.6
GE 600	13.5	83.9	88.9	91.3	92.7	93.0	93.7	94.1	94.2	94.2	94.2	94.2	94.7	94.7	94.7	94.8
GE 500	13.5	83.9	88.9	91.4	92.9	93.4	94.2	94.7	94.8	94.8	94.8	94.8	95.4	95.4	95.4	95.5
GE 400	13.5	83.9	88.9	91.4	93.1	93.7	94.6	95.5	95.7	95.9	95.9	95.9	96.5	96.5	96.5	96.6
GE 300	13.5	83.9	88.9	91.4	93.1	93.6	95.4	96.3	96.8	97.3	97.3	97.3	98.0	98.1	98.2	98.4
GE 200	13.5	83.9	88.9	91.4	93.3	94.0	95.7	96.7	97.1	97.7	97.7	97.8	98.7	98.9	99.1	99.4
GE 100	13.5	83.9	88.9	91.4	93.4	94.1	95.8	96.8	97.2	98.0	98.0	98.1	99.0	99.2	99.5	100.0
GE 0	13.5	83.9	88.9	91.4	93.4	94.1	95.8	96.8	97.2	98.0	98.0	98.1	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(EST): 0300-0500

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
	VISIBILITY IN STATUTE MILES															
NO CEIL	50.2	50.5	52.5	53.4	54.6	54.6	54.6	54.7	54.7	54.8	54.8	54.8	55.1	55.1	55.4	55.5
GE 20000	10.4	54.0	56.2	57.3	58.6	58.6	58.6	58.7	58.7	58.8	58.9	58.9	59.2	59.2	59.6	59.7
GE 18000	10.4	54.0	56.2	57.3	58.6	58.6	58.6	58.7	58.7	58.8	58.9	58.9	59.2	59.2	59.6	59.7
GE 16000	10.4	54.2	56.5	57.5	58.8	58.6	58.8	58.9	58.9	59.0	59.1	59.1	59.5	59.5	59.8	59.9
GE 14000	10.4	54.3	56.6	57.6	58.9	58.9	58.9	59.0	59.0	59.1	59.2	59.2	59.6	59.6	59.9	60.0
GE 12000	10.4	56.0	58.3	59.5	60.8	60.8	60.8	60.9	60.9	61.0	61.1	61.1	61.4	61.4	61.7	61.8
GE 10000	11.6	59.1	61.4	62.6	63.9	63.9	63.9	64.1	64.1	64.2	64.3	64.3	64.6	64.6	64.9	65.1
GE 9000	11.6	59.2	61.5	62.7	64.0	64.0	64.0	64.2	64.2	64.3	64.4	64.4	64.7	64.7	65.1	65.2
GE 8000	11.9	63.8	66.5	67.7	69.0	69.0	69.0	69.2	69.2	69.4	69.5	69.5	69.8	69.8	70.1	70.2
GE 7000	12.0	65.8	68.6	70.0	71.3	71.3	71.3	71.6	71.6	71.7	71.8	71.8	72.2	72.2	72.5	72.6
GE 6000	12.3	67.6	70.6	72.0	73.3	73.3	73.3	73.7	73.7	73.8	73.9	73.9	74.2	74.2	74.5	74.6
GE 5000	12.3	70.2	73.7	75.2	76.5	76.5	76.5	76.8	76.8	76.9	77.0	77.0	77.3	77.3	77.6	77.7
GE 4500	12.3	72.0	75.5	77.1	78.4	78.4	78.4	78.6	78.8	78.9	79.0	79.0	79.4	79.4	79.7	79.8
GE 4000	12.7	76.5	80.3	81.9	83.5	83.5	83.8	84.2	84.2	84.3	84.4	84.4	84.7	84.7	85.1	85.2
GE 3500	12.7	76.6	80.6	82.3	84.0	84.0	84.2	84.6	84.6	84.7	84.8	84.8	85.2	85.2	85.5	85.6
GE 3000	12.8	77.8	81.9	83.5	85.3	85.3	85.5	86.1	86.1	86.2	86.3	86.3	86.7	86.7	87.0	87.1
GE 2500	12.8	78.7	82.8	84.5	86.5	86.5	87.0	87.6	87.6	87.7	87.8	87.8	88.2	88.2	88.5	88.6
GE 2000	12.8	79.5	83.5	85.3	87.3	87.3	87.8	88.5	88.5	88.6	88.7	88.7	89.0	89.0	89.4	89.5
GE 1800	13.2	80.1	84.4	86.1	88.2	88.2	88.7	89.4	89.4	89.5	89.6	89.6	89.9	89.9	90.2	90.3
GE 1500	13.3	80.9	85.2	87.0	89.2	89.4	89.9	90.5	90.5	90.6	90.8	90.8	91.1	91.1	91.4	91.5
GE 1200	13.3	81.6	85.9	87.8	90.1	90.2	90.8	91.4	91.4	91.5	91.6	91.6	91.9	91.9	92.3	92.4
GE 1000	13.3	81.8	86.3	88.3	90.6	91.1	91.6	92.3	92.3	92.4	92.5	92.5	92.8	92.8	93.1	93.2
GE 900	13.3	81.9	86.6	88.5	91.0	91.3	91.8	92.5	92.5	92.6	92.7	92.7	93.0	93.0	93.3	93.4
GE 800	13.3	81.9	86.6	88.5	91.3	91.3	91.9	92.6	92.6	92.7	92.8	92.8	93.1	93.1	93.4	93.5
GE 700	13.3	82.0	86.7	88.6	91.1	91.4	92.2	92.8	92.8	93.0	93.1	93.1	93.4	93.4	93.8	93.9
GE 600	13.3	82.2	86.9	88.8	91.5	91.6	92.4	93.1	93.1	93.3	93.4	93.4	93.8	93.8	94.1	94.2
GE 500	13.3	82.2	86.9	89.2	91.7	92.2	92.9	93.8	93.9	94.1	94.2	94.2	94.5	94.5	94.8	94.9
GE 400	13.5	82.4	87.3	89.6	92.4	92.8	93.9	95.1	95.4	95.6	95.7	95.7	96.0	96.1	96.5	96.6
GE 300	13.5	82.4	87.3	89.8	92.5	93.0	94.2	95.7	96.0	96.3	96.6	96.6	97.1	97.3	97.7	98.1
GE 200	13.5	82.4	87.3	89.9	92.6	93.3	94.5	96.1	96.6	96.9	97.1	97.1	97.7	98.2	98.7	99.0
GE 100	13.5	82.4	87.3	89.9	92.9	93.3	94.5	96.2	96.7	97.0	97.4	97.4	98.2	98.6	99.4	100.0
GE 0	13.5	82.4	87.3	89.9	92.9	93.3	94.5	96.2	96.7	97.0	97.4	97.4	98.2	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	9.6	44.2	46.0	46.6	47.6	47.6	47.6	47.8	47.8	48.1	48.2	48.2	48.3	48.3	48.5	48.6
GE 20000	9.2	48.8	51.0	51.5	52.7	52.7	52.7	52.9	53.0	53.2	53.4	53.4	53.5	53.7	54.2	54.4
GE 18000	9.2	49.0	51.2	51.7	52.9	52.9	52.9	53.1	53.2	53.4	53.7	53.7	53.8	53.9	54.4	54.6
GE 16000	9.3	49.0	51.2	51.7	52.9	52.9	52.9	53.1	53.2	53.4	53.7	53.7	53.8	53.9	54.4	54.6
GE 14000	9.4	49.2	51.4	51.9	53.1	53.1	53.1	53.3	53.4	53.7	53.9	53.9	54.0	54.1	54.6	54.8
GE 12000	9.9	51.6	53.9	54.4	55.6	55.6	55.6	55.8	55.9	56.1	56.3	56.3	56.5	56.6	57.1	57.3
GE 10000	10.9	55.3	57.6	58.4	59.7	59.7	59.7	59.9	60.0	60.2	60.4	60.4	60.5	60.6	61.2	61.4
GE 9000	10.9	55.8	58.4	58.9	60.2	60.2	60.2	60.4	60.5	60.6	61.0	61.0	61.1	61.2	61.7	61.9
GE 8000	11.2	60.9	63.9	64.4	65.8	65.8	65.8	66.0	66.1	66.3	66.6	66.6	66.7	66.8	67.3	67.5
GE 7000	11.6	63.1	66.3	67.1	68.5	68.5	68.9	69.4	69.5	69.7	69.9	69.9	70.0	70.1	70.6	70.9
GE 6000	11.6	65.3	68.6	69.5	71.0	71.0	71.4	71.8	71.9	72.2	72.5	72.5	72.6	72.7	73.2	73.4
GE 5000	11.8	67.1	70.6	71.6	73.1	73.1	73.5	74.0	74.1	74.3	74.6	74.6	74.7	74.8	75.4	75.6
GE 4500	11.9	68.1	71.8	72.8	74.6	74.6	75.1	75.6	75.7	75.9	76.2	76.2	76.3	76.5	77.0	77.2
GE 4000	12.0	71.6	75.7	77.3	79.5	79.6	80.1	80.9	81.0	81.2	81.5	81.5	81.6	81.7	82.3	82.5
GE 3500	12.0	71.9	76.6	77.8	80.1	80.2	80.8	81.5	81.6	81.8	82.2	82.2	82.3	82.4	82.9	83.1
GE 3000	12.2	72.7	77.1	78.9	81.2	81.4	81.9	82.7	82.8	83.0	83.3	83.3	83.4	83.5	84.1	84.3
GE 2500	12.4	73.9	78.5	80.3	82.6	82.9	83.4	84.3	84.4	84.6	84.9	84.9	85.1	85.2	85.7	85.9
GE 2000	12.5	76.0	80.9	82.7	85.1	85.4	85.9	86.8	86.9	87.1	87.4	87.4	87.5	87.6	88.2	88.4
GE 1600	12.6	76.7	81.6	83.4	85.[illegible]	86.1	86.7	87.5	87.6	87.8	88.2	88.2	88.3	88.4	88.9	89.1
GE 1500	12.7	77.3	82.4	84.2	86.8	87.1	87.6	88.5	88.6	88.8	89.2	89.2	89.5	89.6	90.1	90.3
GE 1200	12.7	77.4	82.6	84.4	87.[illegible]	87.3	87.8	88.7	88.8	89.0	89.5	89.5	89.7	89.8	90.3	90.5
GE 1000	12.7	77.6	82.8	84.7	87.6	88.0	88.6	89.5	89.6	89.8	90.2	90.2	90.4	90.5	91.1	91.3
GE 900	12.7	77.7	82.9	84.8	87.7	88.1	88.7	89.7	89.8	90.0	90.4	90.4	90.6	90.8	91.3	91.5
GE 800	12.7	77.7	82.9	84.8	87.7	88.1	88.9	89.9	90.0	90.2	90.6	90.6	90.9	91.0	91.5	91.7
GE 700	12.7	78.0	83.3	85.5	88.7	89.0	90.2	91.2	91.3	91.5	91.9	91.9	92.2	92.3	92.8	93.0
GE 600	12.7	78.1	83.5	85.8	89.1	89.5	90.6	91.6	91.7	91.9	92.4	92.4	92.6	92.7	93.2	93.4
GE 500	12.7	78.2	83.9	86.7	90.1	90.5	91.9	93.0	93.2	93.8	94.2	94.2	94.4	94.5	95.1	95.3
GE 400	12.7	78.2	84.2	87.1	90.7	91.1	92.5	93.9	94.2	94.8	95.3	95.3	95.6	95.7	96.3	96.7
GE 300	12.7	78.2	84.[illegible]	87.2	90.8	91.3	92.9	94.7	95.1	95.9	96.5	96.7	97.2	97.3	98.0	98.4
GE 200	12.7	78.2	84.0	87.2	90.8	91.4	93.1	95.2	95.5	96.3	97.0	97.4	98.0	98.1	98.8	99.4
GE 100	12.7	78.2	84.1	87.3	90.9	91.5	93.2	95.3	95.6	96.5	97.1	97.5	98.1	98.2	98.9	99.4
GE 0	12.7	78.2	84.1	87.3	90.9	91.5	93.2	95.3	95.6	96.5	97.1	97.5	98.1	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WOMTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	10.2	51.3	52.9	53.0	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000	10.6	54.4	56.1	56.2	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 18000	10.6	54.5	56.2	56.3	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 16000	10.6	54.7	56.5	56.6	56.9	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 14000	11.0	56.0	57.7	57.8	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 12000	11.4	57.1	58.8	58.9	59.1	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 10000	11.8	61.0	63.0	63.1	63.3	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 9000	11.9	61.1	63.1	63.2	63.4	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	11.9	64.9	67.3	67.4	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	11.9	66.9	69.7	69.8	70.5	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 6000	11.9	69.0	71.8	72.0	72.6	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	12.3	70.5	73.5	73.9	74.5	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4500	12.3	71.2	74.2	74.5	75.2	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	12.3	73.0	76.6	77.2	75.1	78.4	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	12.3	73.7	77.2	78.0	78.8	79.1	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	12.5	75.8	79.5	80.3	81.3	81.7	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2500	12.8	76.2	81.8	82.9	84.1	84.5	84.7	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2000	13.1	81.3	85.1	86.1	87.4	87.6	88.1	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1800	13.1	81.6	85.4	86.5	87.7	88.2	88.4	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1600	13.3	83.0	87.1	88.4	89.7	90.1	90.3	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200	13.3	83.9	88.1	89.5	90.8	91.2	91.4	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1000	13.3	83.9	88.2	89.7	91.2	91.6	92.0	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 900	13.3	84.1	88.4	89.9	91.4	91.8	92.3	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	13.3	84.4	89.0	90.6	92.2	92.7	93.1	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	13.3	84.4	89.0	90.8	92.5	92.9	93.5	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 600	13.3	84.5	89.1	90.9	92.7	93.1	93.8	94.3	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 500	13.3	85.2	89.9	91.9	93.9	94.3	95.1	95.6	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	13.3	85.2	90.1	92.2	94.3	94.6	95.7	97.1	97.2	97.8	98.4	98.4	98.4	98.4	98.4	96.4
GE 300	13.3	85.2	90.1	92.2	94.4	94.9	95.8	97.4	97.6	98.4	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	13.3	85.2	90.1	92.2	94.5	95.1	96.0	97.7	98.0	98.8	99.8	99.6	99.9	99.9	100.0	100.0
GE 100	13.3	85.2	90.1	92.2	94.5	95.1	96.0	97.7	98.0	98.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 0	13.3	85.2	90.1	92.2	94.5	95.1	96.0	97.7	98.0	98.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1200-1400

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
	VISIBILITY IN STATUTE MILES															
NO CEIL	47.5	49.5	49.5	49.5	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	53.7	55.7	56.0	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 18000	53.9	56.0	56.3	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 16000	54.0	56.5	56.5	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 14000	54.5	56.7	57.0	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 12000	55.5	57.8	58.2	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	59.5	62.2	62.5	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 9000	60.1	62.6	63.3	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 8000	62.7	65.4	65.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 7000	64.9	67.6	68.2	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 6000	67.2	70.0	70.8	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	68.6	71.5	72.3	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	69.5	72.4	73.1	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	72.6	76.2	77.4	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3500	74.8	78.7	80.0	80.3	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	78.1	82.0	83.3	84.2	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2500	81.4	85.6	86.9	87.7	87.8	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	82.3	86.6	88.0	89.0	89.2	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	82.7	87.0	88.6	89.7	90.0	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1500	84.1	88.6	90.3	91.7	91.9	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	84.9	90.0	91.7	93.5	93.4	93.9	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1000	85.5	90.6	92.4	94.1	94.3	95.1	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	85.9	91.2	93.0	94.4	95.1	96.0	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	86.1	91.5	93.2	95.1	95.3	96.3	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	86.1	91.6	93.3	95.3	95.5	96.6	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	86.1	91.6	93.3	95.5	95.7	96.8	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	86.1	91.7	93.5	95.7	95.9	97.0	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	86.1	91.7	93.5	95.9	96.1	97.4	98.1	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	86.1	91.7	93.5	95.9	96.1	97.5	98.2	98.3	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 200	86.1	91.7	93.5	95.9	96.1	97.5	98.2	98.3	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	86.1	91.7	93.5	95.9	96.1	97.5	98.2	98.3	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 0	86.1	91.7	93.5	95.9	96.1	97.5	98.2	98.3	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	10.3	47.4	49.5	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	11.0	54.6	57.1	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	11.0	54.7	57.1	57.5	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 16000	11.0	54.8	57.2	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 14000	11.0	54.9	57.3	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000	11.3	56.3	59.1	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 10000	11.6	58.7	61.6	62.2	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 9000	11.6	59.8	62.8	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 8000	11.9	62.7	65.9	66.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 7000	12.7	64.9	68.4	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 6000	12.8	66.9	70.4	71.4	72.5	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000	13.1	66.8	72.4	73.5	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	13.2	70.0	73.7	74.9	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4000	13.3	74.9	78.9	80.5	81.9	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	13.3	76.7	81.1	82.7	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3000	13.6	80.0	85.2	86.8	88.3	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2500	14.0	81.9	87.2	89.0	90.8	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	14.0	83.2	88.6	90.5	92.2	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	14.0	83.2	88.8	90.5	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000	14.0	83.9	89.8	91.7	93.6	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	14.0	84.5	91.2	93.1	95.1	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	14.0	84.5	91.2	93.2	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	14.0	84.7	91.6	93.8	95.7	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	14.0	84.7	91.6	93.8	96.1	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	14.0	84.9	92.0	94.2	96.7	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	14.0	85.2	92.3	94.6	97.4	98.0	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	14.0	85.3	92.5	95.1	97.8	98.2	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	14.0	85.3	92.5	95.2	97.7	98.3	98.6	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	14.0	85.3	92.5	95.3	97.8	98.4	98.7	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	14.0	85.3	92.5	95.3	97.8	98.4	98.7	99.1	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0
GE 100	14.0	85.3	92.5	95.3	97.8	98.4	98.7	99.1	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0
GE 0	14.0	85.3	92.5	95.3	97.8	98.4	98.7	99.1	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1900-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	9.4	47.6	48.9	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000	10.8	55.5	57.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 18000	10.8	55.7	57.7	56.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 16000	10.8	55.8	57.8	56.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 14000	10.9	56.1	58.2	59.1	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 12000	11.4	58.4	60.5	61.7	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 10000	11.8	61.4	64.0	65.3	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 9000	12.0	61.8	64.4	65.7	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	12.4	65.7	68.3	69.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	12.4	67.3	70.0	71.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 6000	12.6	68.8	71.7	73.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 5000	12.6	70.0	73.3	74.6	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4500	12.6	70.9	74.3	75.9	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4000	12.6	76.0	79.5	81.9	84.0	84.1	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	12.7	76.8	80.9	82.9	85.1	85.2	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3000	13.0	78.7	83.4	85.6	88.1	88.2	88.4	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2500	13.3	80.3	85.2	87.4	90.1	90.2	90.6	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	13.2	81.0	86.5	88.6	91.3	91.6	92.0	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	13.3	81.5	87.1	89.2	92.2	92.3	92.7	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500	13.3	82.2	87.8	90.0	92.9	93.6	93.4	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.
GE 1200	13.4	82.7	88.4	90.5	93.4	93.5	94.2	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	13.4	82.8	88.7	90.9	94.0	94.1	94.7	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	13.4	82.9	88.9	91.2	94.3	94.6	95.4	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	13.4	83.0	89.2	91.5	94.8	95.1	95.8	96.2	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	13.4	83.1	89.4	91.7	94.9	95.4	96.1	96.6	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	13.4	83.3	89.5	92.0	95.0	95.6	96.6	97.0	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	13.4	83.3	89.6	92.0	95.2	96.2	97.0	97.4	97.5	97.7	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	13.4	83.3	89.6	92.0	95.3	96.2	97.1	97.6	97.7	98.0	98.3	98.3	98.4	98.4	98.4	98.4
GE 300	13.4	83.3	89.6	92.0	95.5	96.2	97.1	98.1	98.2	98.6	99.4	99.4	99.6	99.6	99.6	99.6
GE 200	13.4	83.3	89.6	92.0	95.5	96.2	97.1	98.1	98.2	98.8	99.4	99.4	99.7	99.7	99.8	99.9
GE 100	13.4	83.3	89.6	92.0	95.5	96.2	97.1	98.1	98.2	98.8	99.4	99.4	99.7	99.8	99.9	100.0
GE 0	13.4	83.3	89.6	92.0	95.5	96.2	97.1	98.1	98.2	98.8	99.4	99.4	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WOTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(EST): 2100-2300

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	10.0	53.5	54.4	55.6	56.3	56.5	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.9	57.[illegible]
GE 20000	10.8	58.0	58.6	60.1	60.9	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.5
GE 18000	10.8	58.0	58.6	60.1	60.9	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.5
GE 16000	10.8	58.0	58.6	60.1	60.9	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.5
GE 14000	10.6	58.2	59.0	60.3	61.1	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.7
GE 12000	11.3	61.6	61.8	63.1	63.9	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.5
GE 10000	11.8	63.9	64.0	66.1	67.[illegible]	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6
GE 9000	11.8	64.5	65.5	66.8	67.6	67.7	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.3
GE 8000	11.8	67.5	68.8	70.3	71.2	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.8
GE 7000	12.2	69.0	70.4	71.9	72.9	73.0	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.7
GE 6000	12.2	69.6	71.2	72.7	73.7	73.8	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.4
GE 5000	12.3	72.3	74.1	75.7	77.1	77.2	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.8
GE 4500	12.3	72.8	75.2	76.9	78.3	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9	79.0
GE 4000	12.3	76.3	81.3	83.2	84.3	84.9	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.9
GE 3500	12.3	78.5	81.5	83.4	85.3	85.4	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.5
GE 3000	12.6	80.0	83.1	85.3	87.2	87.4	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.7
GE 2500	12.7	81.0	84.3	86.5	88.4	88.6	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.[illegible]
GE 2000	12.9	81.6	85.6	87.7	89.9	90.1	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.4
GE 1800	12.9	81.8	85.6	87.8	90.0	90.2	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.5
GE 1500	12.9	82.7	86.5	88.7	90.9	91.1	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.5
GE 1000	12.9	82.6	86.7	88.9	91.3	91.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.1
GE 900	13.0	83.2	87.3	89.6	92.[illegible]	92.4	93.4	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.[illegible]
GE 800	13.2	83.4	87.7	90.0	92.5	92.9	94.0	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.7
GE 700	13.2	83.4	87.8	90.1	92.6	93.2	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.9	95.1
GE 600	13.2	83.4	88.2	90.4	92.9	93.5	94.6	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.7
GE 500	13.2	83.4	88.2	90.4	92.9	93.5	94.6	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.7
GE 400	13.2	83.5	88.3	90.5	93.1	93.8	94.8	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.9	96.0
GE 300	13.2	83.5	88.3	90.6	93.7	94.4	.6	96.6	96.7	97.2	97.2	97.2	97.2	97.2	97.3	97.4
GE 200	13.2	83.5	88.3	90.8	93.9	94.7	95.9	97.3	97.4	98.1	98.4	98.4	98.5	98.5	98.6	98.7
GE 100	13.3	83.5	88.3	90.8	93.9	94.7	96.0	97.4	97.6	98.3	98.6	98.7	98.9	98.9	99.5	99.6
GE 0	13.3	83.5	88.3	90.8	93.9	94.7	96.0	97.4	97.6	98.3	98.6	98.7	98.9	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726795 STATION NAME: WORCESTER AFB MI

PERIOD OF RECORD: 77-84
MONTH: MAY HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	49.9	49.7	51.3	51.8	52.4	52.4	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.7	52.8
GE 20000	57.5	54.7	56.6	57.3	57.9	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.2	58.3	58.4
GE 18000	57.5	54.8	56.7	57.4	58.0	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.4	58.4	58.5
GE 16000	57.5	54.9	56.8	57.6	58.1	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.5	58.5	58.6
GE 14000	57.6	55.2	57.2	57.9	58.5	58.5	58.6	58.6	58.7	58.7	58.8	58.8	58.8	58.9	59.0
GE 12000	58.9	57.0	59.1	59.6	60.	60.5	60.5	60.6	60.6	60.7	60.7	60.7	60.8	60.8	61.0
GE 10000	61.6	60.3	62.6	63.4	64.1	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.7
GE 9000	61.8	60.8	63.1	64.0	64.7	64.7	64.8	64.9	64.9	64.9	65.0	65.0	65.1	65.1	65.3
GE 8000	61.9	64.7	67.5	68.2	69.	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.3	69.4	69.5
GE 7000	70.1	76.5	69.3	70.3	71.1	71.1	71.3	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.7
GE 6000	72.2	68.3	71.1	72.2	73.	73.1	73.2	73.4	73.4	73.4	73.5	73.5	73.6	73.6	73.8
GE 5000	72.4	70.1	73.2	74.4	75.4	75.5	75.6	75.8	75.8	75.8	75.9	75.9	76.0	76.0	76.2
GE 4500	72.4	71.1	74.4	75.7	76.7	76.8	76.9	77.1	77.2	77.2	77.2	77.2	77.4	77.4	77.6
GE 4000	72.5	75.3	79.5	80.6	81.5	82.0	82.2	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.9
GE 3500	72.6	76.1	80.2	81.6	83.1	83.1	83.4	83.6	83.7	83.7	83.8	83.8	83.9	83.9	84.1
GE 3000	72.9	78.1	82.2	83.9	85.4	85.6	85.8	86.1	86.2	86.2	86.3	86.3	86.4	86.4	86.6
GE 2500	73.1	79.7	84.0	85.7	87.3	87.5	87.9	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.7
GE 2000	73.2	80.9	85.5	87.2	89.0	89.2	89.6	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.4
GE 1500	73.2	81.3	85.8	87.7	89.4	89.7	90.1	90.4	90.5	90.5	90.6	90.6	90.7	90.7	90.8
GE 1000	73.2	82.1	86.6	88.7	90.6	90.9	91.3	91.7	91.8	91.8	91.9	91.9	92.0	92.0	92.2
GE 900	73.2	82.6	87.6	89.5	91.5	91.7	92.2	92.6	92.7	92.8	92.8	92.8	93.0	93.0	93.1
GE 800	73.4	82.8	87.9	89.9	92.0	92.3	92.9	93.4	93.4	93.5	93.6	93.6	93.8	93.8	93.9
GE 700	73.4	83.1	88.2	90.3	92.4	92.8	93.4	93.9	93.9	94.0	94.1	94.1	94.2	94.3	94.4
GE 600	73.4	83.1	88.4	90.5	92.7	93.1	93.8	94.3	94.4	94.5	94.6	94.6	94.7	94.7	94.9
GE 500	73.4	83.2	88.6	90.7	93.1	93.5	94.3	94.8	94.9	95.0	95.2	95.2	95.3	95.3	95.4
GE 400	73.4	83.3	88.8	90.9	93.4	93.8	94.6	95.1	95.2	95.4	95.5	95.5	95.6	95.7	95.8
GE 300	73.4	83.5	89.1	91.3	93.7	94.3	95.2	95.8	96.0	96.2	96.3	96.3	96.5	96.5	96.6
GE 200	73.5	83.5	89.4	91.5	94.2	94.7	95.7	96.6	96.9	97.1	97.4	97.4	97.5	97.5	97.7
GE 150	73.5	83.5	89.5	91.5	94.5	94.8	95.9	97.1	97.3	97.9	98.3	98.3	98.6	98.7	98.8
GE 120	73.5	83.5	89.5	91.5	94.5	94.9	96.1	97.3	97.5	98.2	98.6	98.8	99.1	99.2	99.5
GE 100	73.5	83.5	89.1	91.5	94.4	94.9	96.1	97.4	97.6	98.3	98.7	98.8	99.2	99.3	99.7
ALL	73.5	83.5	89.1	91.5	94.4	94.9	96.1	97.4	97.6	98.3	98.7	98.8	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

CENTRAL CLIMATOLOGY BRANCH
(CARETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: [illegible] AFB MI

PERIOD OF RECORD: 77-[illegible]
MONTH: JUN HOURS(LST): [illegible]

CEILING IN FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 3/16	≥ 1/4	≥ 0
NO CEIL	63.1	60.2	62.2	63.9	65.4	65.6	65.7	65.7	65.8	66.0	66.0	66.0	66.1	66.1	66.3	
GE 20000	63.9	63.1	65.2	67.2	69.[illegible]	69.9	69.[illegible]	69.0	69.1	69.3	69.3	69.3	69.3	69.4	69.4	69.7
GE 18000	63.9	63.2	65.3	67.6	69.1	69.2	69.7	69.3	69.4	69.7	69.7	69.7	69.7	69.8	69.8	70.[illegible]
GE 16000	[illegible]	63.2	65.3	67.6	69.1	69.2	69.7	69.3	69.4	69.7	69.7	69.7	69.7	69.8	69.8	70.[illegible]
GE 14000	[illegible]	63.8	65.9	68.1	69.7	70.0	70.1	70.1	70.2	70.4	70.4	70.4	70.4	70.6	70.6	70.8
GE 12000	63.8	64.6	66.7	68.9	70.7	70.8	70.9	70.9	71.0	71.2	71.2	71.2	71.2	71.3	71.3	71.5
GE 10000	64.0	66.2	68.6	70.8	72.6	72.7	73.1	73.1	73.2	73.4	73.4	73.4	73.4	73.6	73.6	73.8
GE 9000	64.0	67.3	69.8	72.0	73.8	73.9	74.3	74.3	74.4	74.7	74.7	74.7	74.7	74.8	74.8	75.[illegible]
GE 8000	64.2	70.7	73.7	76.0	77.8	77.9	78.3	78.3	78.4	78.7	78.7	78.7	78.7	78.8	78.8	79.[illegible]
GE 7000	64.2	72.2	75.4	77.8	79.6	79.7	80.1	80.1	80.2	80.4	80.4	80.4	80.4	80.6	80.6	80.8
GE 6000	64.4	73.6	76.9	79.2	81.1	81.2	81.7	81.7	81.8	82.0	82.0	82.0	82.0	82.1	82.1	82.3
GE 5000	64.6	74.9	78.2	80.8	82.7	82.8	83.2	83.2	83.3	83.6	83.6	83.6	83.6	83.7	83.7	83.9
GE 4500	64.6	76.3	79.7	82.6	84.4	84.6	85.0	85.0	85.1	85.3	85.3	85.3	85.3	85.4	85.4	85.7
GE 4000	64.9	78.1	82.[illegible]	85.0	87.[illegible]	87.1	87.7	87.7	87.8	88.0	88.0	88.0	88.0	88.1	88.1	88.3
GE 3500	64.9	78.1	82.[illegible]	85.2	87.5	87.7	88.2	88.2	88.3	88.6	88.6	88.6	88.6	88.7	88.7	88.9
GE 3000	65.0	79.6	83.7	86.9	89.2	89.4	90.0	90.0	90.1	90.3	90.3	90.3	90.3	90.4	90.4	90.7
GE 2500	65.0	81.1	85.[illegible]	88.2	90.7	90.9	91.4	91.4	91.6	91.8	91.8	91.8	91.8	91.9	91.9	92.1
GE 2000	65.0	81.4	85.4	88.7	91.3	91.7	92.4	92.4	92.6	92.8	92.8	92.8	92.8	92.9	92.9	93.1
GE 1800	65.0	81.7	85.7	88.9	91.6	91.9	92.7	92.7	92.8	93.0	93.0	93.0	93.0	93.1	93.1	93.3
GE 1500	65.0	82.4	86.2	89.6	92.2	92.6	93.3	93.3	93.4	93.7	93.7	93.7	93.7	93.8	93.8	94.[illegible]
GE 1200	65.0	82.4	86.4	89.7	92.4	92.6	93.6	93.6	93.7	94.1	94.1	94.1	94.1	94.2	94.2	94.4
GE 1000	65.0	82.6	86.7	89.9	92.7	93.0	93.8	93.9	94.0	94.4	94.4	94.4	94.4	94.6	94.6	94.8
GE 900	65.0	82.6	86.7	89.9	92.7	93.0	93.8	93.9	94.0	94.4	94.4	94.4	94.4	94.6	94.6	94.8
GE 800	65.0	82.6	86.7	89.9	92.7	93.1	93.9	94.0	94.1	94.6	94.6	94.6	94.6	94.7	94.7	94.9
GE 700	65.0	82.6	86.7	89.9	92.7	93.1	93.9	94.0	94.1	94.6	94.6	94.6	94.6	94.7	94.7	94.9
GE 600	65.0	82.7	86.[illegible]	90.0	93.1	93.3	94.1	94.2	94.3	94.6	94.8	94.8	94.9	94.9	94.9	95.1
GE 500	65.0	83.[illegible]	87.[illegible]	90.4	93.[illegible]	94.1	94.9	95.0	95.1	95.6	95.6	95.6	95.8	95.9	95.9	96.1
GE 400	65.0	83.1	87.[illegible]	91.[illegible]	94.7	94.7	95.6	95.7	95.9	96.3	96.3	96.3	96.6	96.7	96.7	96.9
GE 300	65.0	83.1	87.3	91.1	94.[illegible]	94.9	95.9	96.1	96.3	96.9	96.9	96.9	97.1	97.2	97.2	97.4
GE 200	65.0	83.1	87.3	91.1	94.7	95.1	96.2	96.6	97.0	97.8	97.9	98.0	98.2	98.3	98.6	99.0
GE 100	65.0	83.1	87.3	91.1	94.7	95.1	96.2	96.6	97.0	97.8	97.9	98.0	98.7	98.7	99.2	100.0
ALL	65.0	83.1	87.3	91.1	94.7	95.1	96.2	96.6	97.0	97.8	97.9	98.0	98.3	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

[illegible] CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

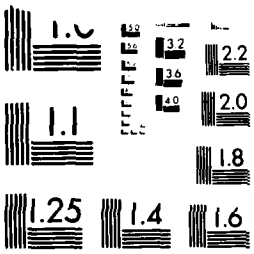
STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0300-0500

CEILING	VISIBILITY IN STATUTE MILES															
FT	M	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
[illegible]	17.3	54.2	55.9	56.1	63.1	60.3	60.6	61.0	61.1	61.6	61.7	61.8	61.9	61.9	61.9	61.2
[illegible]	17.8	57.1	58.1	61.0	63.5	63.6	64.1	64.7	64.9	65.2	65.3	65.6	65.7	65.7	65.7	66.1
[illegible]	17.0	57.3	59.3	61.9	63.7	64.1	64.4	65.0	65.1	65.6	65.7	65.9	66.0	66.0	66.0	66.4
[illegible]	17.3	57.3	59.3	62.0	64.0	64.2	64.6	65.1	65.2	65.7	65.8	66.0	66.1	66.1	66.1	66.6
[illegible]	17.8	57.8	59.9	62.6	64.6	64.6	65.1	65.7	65.8	66.2	66.3	66.6	66.7	66.7	66.7	67.1
[illegible]	17.8	58.8	61.9	63.6	65.5	65.6	66.1	66.7	66.8	67.2	67.3	67.6	67.7	67.7	67.7	68.1
[illegible]	13.3	61.7	64.1	67.1	69.1	69.3	69.8	70.3	70.4	70.9	71.0	71.2	71.3	71.3	71.3	71.8
[illegible]	13.3	62.2	64.9	67.7	69.9	70.1	70.6	71.1	71.2	71.7	71.8	72.0	72.1	72.1	72.1	72.6
[illegible]	13.7	65.7	68.3	71.6	73.6	73.9	74.3	74.9	75.0	75.4	75.6	75.8	75.9	75.9	75.9	76.3
[illegible]	13.7	66.8	69.6	72.8	75.1	75.4	75.9	76.4	76.6	77.0	77.1	77.3	77.4	77.4	77.4	77.9
[illegible]	13.7	68.0	71.0	74.3	76.7	77.0	77.4	78.0	78.2	78.7	78.8	79.0	79.1	79.1	79.1	79.6
[illegible]	14.9	69.6	72.8	76.2	78.5	79.2	79.7	80.2	80.4	80.9	81.0	81.2	81.3	81.3	81.3	81.8
[illegible]	17.9	70.6	74.0	77.8	80.5	80.8	81.2	81.9	82.1	82.6	82.7	82.9	83.0	83.0	83.0	83.4
[illegible]	14.9	72.9	76.7	80.7	83.7	84.1	84.6	85.2	85.4	85.9	86.0	86.2	86.3	86.3	86.3	86.8
[illegible]	14.9	73.3	77.2	81.2	84.2	84.7	85.1	85.6	86.0	86.4	86.6	86.8	86.9	86.9	86.9	87.3
[illegible]	14.8	74.6	78.8	82.8	86.1	86.6	87.0	87.7	87.9	88.3	88.4	88.7	88.8	88.8	88.8	89.2
[illegible]	14.0	75.1	79.2	83.6	87.[illegible]	87.4	87.8	88.6	88.8	89.2	89.3	89.6	89.7	89.7	89.7	90.1
[illegible]	14.[illegible]	75.7	79.9	84.2	87.7	88.1	88.6	89.2	89.4	89.9	90.0	90.2	90.3	90.3	90.3	90.8
[illegible]	14.8	75.9	80.1	84.4	87.9	88.3	88.8	89.4	89.7	90.1	90.2	90.4	90.6	90.6	90.6	91.0
[illegible]	14.9	76.7	80.9	85.2	88.7	89.2	89.7	90.3	90.6	91.0	91.1	91.3	91.4	91.4	91.4	91.9
[illegible]	14.0	77.0	81.2	85.6	89.1	89.6	90.5	90.9	91.1	91.7	91.8	92.0	92.1	92.1	92.1	92.6
[illegible]	14.1	77.7	82.1	86.4	90.0	90.8	91.2	91.9	92.1	92.7	92.8	93.0	93.1	93.1	93.1	93.6
[illegible]	14.1	77.7	82.1	86.4	90.[illegible]	90.8	91.2	91.9	92.1	92.7	92.8	93.0	93.1	93.1	93.1	93.6
[illegible]	14.1	77.7	82.1	86.4	90.[illegible]	90.8	91.2	91.9	92.1	92.7	92.8	93.0	93.1	93.1	93.1	93.6
[illegible]	14.1	77.8	82.2	86.8	90.[illegible]	91.0	91.8	92.4	92.7	93.2	93.7	93.6	93.7	93.7	93.7	94.1
[illegible]	14.1	77.8	82.3	86.7	90.9	91.2	92.0	92.7	92.9	93.4	93.6	93.8	93.9	93.9	93.9	94.3
[illegible]	14.1	78.[illegible]	82.[illegible]	87.1	91.4	92.2	93.1	93.8	94.1	94.7	94.9	95.0	95.4	95.4	95.4	95.9
[illegible]	14.1	78.2	83.[illegible]	87.4	91.[illegible]	92.7	93.5	94.6	94.9	95.4	95.6	95.8	96.2	96.2	96.2	96.7
[illegible]	14.1	78.2	83.[illegible]	87.4	91.[illegible]	92.8	94.0	95.1	95.4	96.1	96.1	96.3	96.9	96.9	96.9	97.4
[illegible]	14.1	78.2	83.[illegible]	87.4	91.[illegible]	92.9	94.2	95.7	96.3	97.0	97.2	97.4	98.1	98.1	98.1	98.7
[illegible]	14.1	78.2	83.[illegible]	87.4	91.[illegible]	92.9	94.2	95.7	96.3	97.0	97.2	97.6	98.2	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 901

AD-A183 304 WURTSMITH AFB MICHIGAN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 12 JUN 87 3/4

UNCLASSIFIED USAFETAC/DS-87/043 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.2	51.8	53.0	54.2	55.6	55.9	56.6	56.9	57.0	57.2	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	12.8	57.3	58.8	60.1	61.4	61.8	62.4	62.8	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.8
GE 18000	12.8	57.7	59.1	60.4	61.8	62.1	62.8	63.1	63.3	63.6	63.8	63.8	63.8	63.8	63.8	64.1
GE 16000	12.8	58.2	59.7	61.0	62.3	62.7	63.3	63.7	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.7
GE 14000	12.8	58.7	60.2	61.6	62.9	63.2	63.9	64.2	64.4	64.7	64.9	64.9	64.9	64.9	64.9	65.2
GE 12000	12.8	59.7	61.4	63.3	64.8	65.1	65.8	66.2	66.4	66.7	66.9	66.9	66.9	66.9	66.9	67.2
GE 10000	13.7	63.2	65.0	67.1	68.6	68.9	69.6	70.0	70.2	70.6	70.8	70.8	70.8	70.8	70.8	71.1
GE 9000	13.7	63.6	65.3	67.4	68.9	69.2	69.9	70.3	70.6	70.9	71.1	71.1	71.1	71.1	71.1	71.4
GE 8000	14.4	67.4	70.0	72.1	73.8	74.1	74.8	75.2	75.4	75.8	76.0	76.0	76.0	76.0	76.0	76.3
GE 7000	14.6	68.3	71.3	73.6	75.6	75.9	76.6	77.0	77.2	77.6	77.8	77.8	77.8	77.8	77.8	78.1
GE 6000	14.6	69.1	72.3	74.6	76.6	76.9	77.6	78.0	78.2	78.6	78.8	78.8	78.9	78.9	78.9	79.2
GE 5000	14.6	70.8	74.3	76.7	78.9	79.2	79.9	80.3	80.6	80.9	81.1	81.1	81.2	81.2	81.2	81.6
GE 4500	14.6	71.0	74.6	77.0	79.2	79.6	80.3	80.8	81.0	81.3	81.6	81.6	81.7	81.7	81.7	82.0
GE 4000	14.7	72.7	76.3	78.8	81.1	81.4	82.3	82.6	83.0	83.4	83.7	83.7	83.8	83.8	83.8	84.1
GE 3500	14.7	73.3	77.0	79.6	82.1	82.3	83.2	83.8	84.0	84.6	84.8	84.8	84.9	84.9	84.9	85.2
GE 3000	14.9	74.4	78.1	80.7	83.3	83.7	84.6	85.1	85.3	85.9	86.1	86.1	86.2	86.2	86.2	86.6
GE 2500	14.9	75.1	78.8	81.3	84.0	84.3	85.2	85.8	86.0	86.6	86.8	86.8	86.9	86.9	86.9	87.2
GE 2000	14.9	76.3	80.2	82.8	85.4	86.0	86.9	87.4	87.7	88.2	88.4	88.4	88.6	88.6	88.6	88.9
GE 1800	14.9	76.6	80.4	83.0	85.7	86.2	87.1	87.7	87.9	88.4	88.7	88.7	88.8	88.8	88.8	89.1
GE 1500	14.9	77.7	81.6	84.3	87.1	87.6	88.4	89.0	89.2	89.8	90.0	90.0	90.1	90.1	90.1	90.4
GE 1200	14.9	78.0	81.9	84.8	87.4	88.0	88.9	89.4	89.7	90.2	90.4	90.4	90.6	90.6	90.6	90.9
GE 1000	15.1	78.9	82.8	85.7	88.6	89.1	90.0	90.6	90.9	91.4	91.7	91.7	91.8	91.8	91.8	92.1
GE 900	15.1	79.1	83.2	86.1	89.3	89.9	90.9	91.4	91.8	92.3	92.6	92.6	92.7	92.7	92.7	93.0
GE 800	15.1	79.3	83.4	86.4	89.8	90.3	91.3	92.0	92.3	92.9	93.1	93.1	93.2	93.2	93.2	93.6
GE 700	15.1	79.4	83.6	86.6	90.1	90.7	91.8	92.4	92.8	93.3	93.6	93.6	93.7	93.7	93.7	94.0
GE 600	15.1	79.6	83.8	87.0	90.7	91.4	92.7	93.3	93.7	94.2	94.4	94.4	94.6	94.6	94.6	94.9
GE 500	15.1	79.9	84.2	87.4	91.2	92.3	94.1	94.9	95.2	95.8	96.0	96.0	96.1	96.1	96.1	96.4
GE 400	15.1	79.9	84.3	87.6	91.4	92.6	94.3	95.3	95.7	96.4	96.7	96.7	96.8	96.8	96.8	97.1
GE 300	15.1	79.9	84.3	87.6	91.6	92.7	94.8	96.0	96.6	97.6	97.9	97.9	98.1	98.1	98.1	98.7
GE 200	15.1	79.9	84.3	87.6	91.6	92.7	94.8	96.0	96.7	97.6	98.1	98.1	98.8	98.8	98.8	99.3
GE 100	15.1	79.9	84.3	87.6	91.6	92.7	94.8	96.0	96.7	97.8	98.1	98.1	98.9	99.0	99.3	100.0
GE 0	15.1	79.9	84.3	87.6	91.6	92.7	94.8	96.0	96.7	97.8	98.1	98.1	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	17.1	52.8	54.7	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 20000	12.4	57.2	59.1	59.8	60.4	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7
GE 18000	12.4	57.2	59.1	59.8	60.4	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7
GE 16000	12.4	57.3	59.2	59.9	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
GE 14000	12.8	58.8	60.7	61.3	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
GE 12000	12.8	59.9	61.6	52.4	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
GE 10000	13.4	64.4	66.8	67.4	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	66.3
GE 9000	13.4	65.1	67.4	68.1	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0
GE 8000	14.3	67.2	69.7	70.6	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6
GE 7000	14.4	68.4	71.4	72.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9
GE 6000	14.4	68.9	72.0	73.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6
GE 5000	14.4	70.6	73.8	75.1	76.2	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
GE 4500	15.0	71.2	74.6	75.9	77.0	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4
GE 4000	15.2	73.3	76.8	78.4	79.8	79.9	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
GE 3500	15.3	74.8	78.3	80.0	81.3	81.4	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
GE 3000	15.8	76.6	80.1	81.8	83.3	83.4	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2
GE 2500	15.8	77.6	81.1	83.1	84.9	85.0	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
GE 2000	16.2	80.9	84.4	86.7	88.3	88.6	88.8	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
GE 1500	16.2	81.3	84.9	87.1	88.4	89.0	89.2	89.7	89.8	89.8	89.9	89.8	89.8	89.8	89.8	89.9
GE 1000	16.2	82.7	86.6	89.0	90.9	91.1	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
GE 1200	16.2	83.4	87.6	90.2	92.3	92.6	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
GE 1100	16.2	84.6	88.7	91.7	93.3	94.0	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
GE 900	16.2	84.7	88.9	91.9	94.0	94.2	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
GE 800	16.2	84.8	89.1	92.2	94.4	94.8	95.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
GE 700	16.2	84.9	89.3	92.4	94.7	95.0	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
GE 600	16.2	85.0	89.8	92.9	95.1	95.8	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
GE 500	16.2	85.2	90.2	93.3	95.7	96.4	96.8	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0
GE 400	16.2	85.2	90.2	93.3	95.8	96.6	96.9	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
GE 300	16.2	85.2	90.2	93.4	96.0	96.8	97.1	98.0	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.3
GE 200	16.2	85.2	90.2	93.4	96.0	96.8	97.1	98.0	98.7	99.1	99.3	99.4	99.6	99.6	99.6	99.8
GE 100	16.2	85.2	90.2	93.4	96.0	96.8	97.1	98.0	98.7	99.1	99.3	99.4	99.6	99.6	99.7	100.0
GE 0	16.2	85.2	90.2	93.4	96.0	96.8	97.1	98.0	98.7	99.1	99.3	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
	VISIBILITY IN STATUTE MILES															
NO CEIL	45.2	44.8	46.3	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 20000	11.3	53.3	55.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 18000	11.6	53.6	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 16000	11.6	53.7	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 14000	12.0	54.6	56.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 12000	12.0	55.6	57.2	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 10000	12.3	58.4	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 9000	12.3	59.2	61.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 8000	13.1	62.6	64.7	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 7000	13.1	65.2	67.4	68.4	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 6000	13.1	66.0	68.2	69.2	69.3	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 5000	13.3	67.6	69.9	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4500	13.4	68.3	70.8	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4000	13.8	73.4	76.0	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3500	14.9	77.8	80.4	82.1	82.3	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3000	16.7	82.7	85.6	87.4	88.[illegible]	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	16.9	84.7	88.0	89.7	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2000	17.0	87.1	90.6	92.3	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	17.0	87.4	90.9	92.7	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1600	17.0	88.6	92.[illegible]	93.8	94.9	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	17.0	88.7	92.2	94.1	95.3	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	17.0	88.9	92.4	94.6	95.[illegible]	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	17.0	89.9	92.4	94.6	95.9	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	17.0	89.0	92.6	94.8	96.2	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	17.0	89.0	92.6	94.9	96.3	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	17.0	89.0	92.6	95.2	96.7	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	17.0	89.0	92.6	95.6	97.6	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	17.0	89.0	92.6	95.6	97.8	98.2	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	17.0	89.0	92.8	95.6	97.9	98.2	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	17.0	89.0	92.8	95.6	97.9	98.2	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	17.0	89.0	92.8	95.6	97.9	98.2	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	17.0	89.0	92.8	95.6	97.9	98.2	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	11.6	48.6	50.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 20000	14.0	57.6	58.8	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 18000	14.0	57.2	59.0	60.6	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 16000	14.0	57.2	59.0	60.6	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000	14.3	58.7	60.4	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 12000	14.4	59.9	61.7	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 10000	14.8	63.3	65.2	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000	14.8	64.1	66.0	67.6	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 8000	15.7	68.4	70.3	72.0	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 7000	15.7	69.6	71.8	73.4	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 6000	15.9	70.3	72.7	74.3	74.7	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	16.0	72.4	75.0	76.7	77.[illegible]	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE [illegible]	16.0	73.4	76.0	77.7	78.1	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4000	16.3	76.8	79.2	81.4	81.9	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3500	17.3	83.1	83.[illegible]	85.0	85.4	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6
GE 3000	18.6	84.4	88.1	90.2	90.7	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
GE 2500	18.7	86.4	90.1	92.2	92.8	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
GE 2000	18.8	87.1	91.1	93.3	93.[illegible]	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
GE 1800	18.8	87.1	91.2	93.4	94.[illegible]	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
GE 1500	19.0	88.4	92.7	95.[illegible]	95.[illegible]	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
GE 1200	19.0	88.4	92.8	95.[illegible]	96.1	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
GE 1000	19.0	88.7	93.[illegible]	95.4	96.7	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
GE 900	19.0	88.7	93.0	95.4	96.7	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
GE 800	19.0	88.7	93.0	95.4	96.4	97.3	97.6	97.8	97.9	97.8	97.8	97.8	97.9	97.8	97.8	97.9
GE 700	19.0	88.7	93.0	95.4	96.6	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
GE 600	19.0	88.7	93.0	95.4	96.7	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
GE 500	19.0	88.7	93.1	95.7	96.9	97.6	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
GE 400	19.0	88.8	93.2	95.8	97.[illegible]	98.1	98.4	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 300	19.0	88.8	93.2	95.8	97.1	98.2	98.6	99.3	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.9
GE 200	19.0	88.8	93.2	95.8	97.1	98.2	98.7	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0
GE 100	19.0	88.8	93.2	95.8	97.1	98.2	98.7	99.4	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE [illegible]	19.0	88.8	93.2	95.8	97.1	98.2	98.7	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	57.2	54.7	55.9	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 20000	14.3	62.6	64.6	65.2	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	14.3	62.6	64.6	65.2	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	14.3	62.6	64.6	65.2	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	14.6	63.7	65.1	66.6	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 12000	14.9	65.3	67.1	68.6	68.8	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	15.2	69.1	71.3	72.8	73.0	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 9000	15.2	70.0	72.2	73.7	73.9	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 8000	15.7	74.6	76.9	78.3	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	16.1	76.7	79.0	80.4	81.0	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000	16.4	77.6	80.2	81.8	82.3	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	16.9	80.3	83.9	84.4	85.1	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	16.9	81.3	84.1	85.7	86.3	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	17.4	83.3	86.[illegible]	88.0	88.7	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3500	17.4	84.2	87.1	88.9	89.6	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	17.9	85.8	88.7	90.4	91.4	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	17.9	86.9	90.0	91.8	93.1	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	17.9	87.6	90.8	92.7	94.1	95.0	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	17.9	87.9	91.1	93.0	94.8	95.3	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	17.9	89.0	92.2	94.1	95.7	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	17.9	89.2	92.4	94.3	96.[illegible]	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	17.9	89.3	92.6	94.4	96.4	97.3	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	17.9	89.3	92.6	94.4	96.4	97.3	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	17.9	89.4	92.7	94.6	96.6	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	17.9	89.4	92.7	94.6	96.6	97.4	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	17.9	89.4	92.8	94.7	96.7	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	17.9	89.4	92.8	94.7	96.7	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	17.9	89.4	92.8	94.7	96.7	97.6	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	17.9	89.4	92.8	94.7	96.8	97.7	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	17.9	89.4	92.8	94.7	96.8	97.7	98.3	98.8	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 100	17.9	89.4	92.8	94.7	96.8	97.7	98.3	98.8	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	17.9	89.4	92.8	94.7	96.[illegible]	97.7	98.3	98.8	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WOLTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET		VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	I	13.7	61.2	62.9	64.6	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 20000	I	14.3	65.1	66.9	68.7	69.1	69.2	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 18000	I	14.4	65.2	67.0	68.8	69.2	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 16000	I	14.4	65.2	67.0	68.8	69.2	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 14000	I	14.4	65.6	67.6	69.4	69.9	70.0	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 12000	I	14.4	66.9	68.9	70.8	71.4	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 10000	I	14.7	69.9	72.2	74.1	74.9	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	I	14.7	70.8	73.1	75.0	75.3	75.9	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 8000	I	15.1	74.8	77.7	79.7	80.6	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	I	15.3	75.8	78.7	80.8	81.7	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000	I	15.6	76.2	79.1	81.2	82.3	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	I	16.0	77.7	80.8	83.0	84.3	84.4	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	I	16.0	78.4	81.6	83.9	85.2	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	I	16.1	79.9	83.6	86.1	87.4	87.7	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3500	I	16.1	80.6	84.4	87.0	88.7	88.9	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	I	16.9	82.3	86.6	89.2	91.3	91.2	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	I	16.9	83.2	87.4	90.1	92.1	92.3	93.3	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000	I	16.9	83.3	87.6	90.2	92.4	92.9	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	I	16.9	83.3	87.6	90.2	92.4	92.9	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	I	16.9	83.7	88.0	90.7	92.9	93.3	94.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	I	16.9	84.1	88.4	91.1	93.6	93.9	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	I	16.9	84.3	88.6	91.4	93.8	94.2	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	I	16.9	84.3	88.6	91.4	93.8	94.2	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7
GE 800	I	16.9	84.3	88.6	91.4	93.8	94.2	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7
GE 700	I	16.9	84.4	88.9	91.6	93.9	94.3	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8
GE 600	I	16.9	84.8	89.0	91.8	94.7	94.9	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4
GE 500	I	16.9	84.6	89.[illegible]	91.8	94.4	95.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.6	96.6
GE 400	I	16.9	84.6	89.[illegible]	92.0	94.[illegible]	95.4	96.8	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.7	97.7
GE 300	I	16.9	84.7	89.1	92.1	94.9	95.6	97.1	97.3	97.7	97.9	97.9	97.9	97.9	97.9	98.0	98.0
GE 200	I	16.9	84.7	89.1	92.1	94.9	95.6	97.3	97.7	98.0	98.6	98.7	98.8	98.9	98.9	99.1	99.4
GE 100	I	16.9	84.7	89.1	92.1	94.9	95.6	97.3	97.7	98.0	98.6	98.7	98.8	99.1	99.4	99.7	100.0
GE 0	I	16.9	84.7	89.1	92.1	94.9	95.6	97.3	97.7	98.0	98.6	98.7	98.8	99.1	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 9[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): ALL

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	52.2	53.5	55.2	56.5	57.2	57.3	57.4	57.5	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8
GE 20000	58.3	59.1	60.9	62.3	63.1	63.2	63.4	63.6	63.6	63.7	63.8	63.8	63.8	63.8	63.8	64.0
GE 18000	58.3	59.3	61.0	62.5	63.3	63.4	63.6	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.2
GE 16000	58.3	59.3	61.1	62.6	63.4	63.5	63.7	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.3
GE 14000	58.5	60.2	62.0	63.6	64.4	64.5	64.7	64.8	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.3
GE 12000	58.5	61.3	63.2	64.8	65.7	65.8	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.6
GE 10000	58.9	64.5	66.7	68.4	69.3	69.4	69.7	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.3
GE 9000	59.9	65.3	67.5	69.2	70.1	70.2	70.5	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	71.1
GE 8000	59.5	68.9	71.4	73.2	74.2	74.4	74.6	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.2
GE 7000	59.6	70.4	73.1	75.0	76.1	76.3	76.5	76.7	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.2
GE 6000	59.8	71.3	74.1	76.0	77.2	77.4	77.6	77.8	77.9	78.0	78.1	78.1	78.1	78.2	78.2	78.3
GE 5000	59.8	73.0	76.0	78.0	79.3	79.5	79.8	80.0	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.4
GE 4500	59.8	73.8	76.9	79.0	80.3	80.6	80.8	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.5
GE 4000	59.3	76.3	79.6	82.0	83.4	83.7	84.1	84.3	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.8
GE 3500	59.8	77.8	81.2	83.6	85.1	85.5	85.9	86.1	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.6
GE 3000	60.2	80.1	83.7	86.2	87.9	88.2	88.7	88.9	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.4
GE 2500	60.3	81.3	85.0	87.5	89.4	89.8	90.2	90.5	90.5	90.7	90.8	90.8	90.8	90.8	90.8	91.0
GE 2000	60.3	82.4	86.3	88.9	90.5	91.3	91.7	92.0	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.5
GE 1800	60.3	82.7	86.5	89.1	91.3	91.5	92.0	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.8
GE 1500	60.4	83.6	87.5	90.2	92.3	92.8	93.3	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	94.1
GE 1200	60.4	83.9	87.9	90.6	92.8	93.3	93.8	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.7
GE 1000	60.4	84.4	88.4	91.2	93.4	93.9	94.5	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.3
GE 900	60.4	84.4	88.5	91.3	93.6	94.1	94.6	94.9	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.5
GE 800	60.4	84.5	88.5	91.4	93.8	94.3	94.9	95.2	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.8
GE 700	60.4	84.5	88.6	91.5	93.9	94.5	95.1	95.4	95.5	95.7	95.8	95.8	95.8	95.8	95.9	96.0
GE 600	60.4	84.6	88.8	91.7	94.2	94.9	95.5	95.8	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.5
GE 500	60.4	84.7	89.0	92.0	94.7	95.4	96.2	96.6	96.4	97.0	97.0	97.1	97.2	97.2	97.3	97.3
GE 450	60.4	84.8	89.1	92.2	94.9	95.7	96.6	97.1	97.3	97.6	97.6	97.6	97.7	97.8	97.8	97.9
GE 400	60.4	84.8	89.1	92.2	95.1	95.8	96.8	97.5	97.8	98.1	98.2	98.3	98.4	98.4	98.5	98.7
GE 300	60.4	84.8	89.1	92.2	95.1	95.9	96.9	97.7	98.1	98.6	98.8	98.8	99.1	99.1	99.2	99.5
GE 100	60.4	84.8	89.1	92.2	95.1	95.9	96.9	97.7	98.1	98.7	98.8	98.9	99.2	99.4	99.6	100.0
GE 0	60.4	84.8	89.1	92.2	95.1	95.9	96.9	97.7	98.1	98.7	98.8	98.9	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	16.8	60.5	63.4	64.6	66.2	66.9	67.4	67.5	67.6	67.6	67.6	67.6	67.8	67.8	67.8	67.8
GE 20000	17.1	62.9	66.5	68.3	69.5	70.6	71.2	71.3	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6
GE 18000	17.1	62.9	66.5	68.3	69.5	70.6	71.2	71.3	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6
GE 16000	17.1	63.0	66.6	68.4	69.9	70.8	71.3	71.4	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7
GE 14000	17.1	63.2	66.6	68.6	70.1	71.0	71.5	71.6	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9
GE 12000	17.7	64.4	68.0	69.6	71.3	72.2	72.7	72.8	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1
GE 10000	18.6	67.7	71.3	73.4	74.9	75.6	76.3	76.5	76.6	76.6	76.6	76.6	76.9	76.9	76.9	76.9
GE 9000	18.6	68.0	71.9	74.1	75.9	76.8	77.3	77.4	77.5	77.5	77.5	77.5	77.8	77.8	77.8	77.8
GE 8000	19.3	71.4	75.6	78.0	79.4	80.6	81.2	81.3	81.4	81.4	81.4	81.4	81.7	81.7	81.7	81.7
GE 7000	19.5	73.4	77.8	80.3	82.7	83.1	83.9	84.0	84.1	84.1	84.1	84.1	84.4	84.4	84.4	84.4
GE 6000	19.8	74.6	79.0	81.5	83.4	84.3	85.1	85.2	85.3	85.3	85.3	85.3	85.6	85.6	85.6	85.6
GE 5000	19.8	75.5	80.2	82.9	84.9	85.7	86.6	86.7	86.8	86.8	86.8	86.6	87.1	87.1	87.1	87.1
GE 4500	19.8	75.8	80.6	83.3	85.3	86.1	87.0	87.1	87.2	87.2	87.2	87.2	87.5	87.5	87.5	87.5
GE 4000	19.8	78.0	83.3	86.0	88.3	89.1	90.0	90.1	90.2	90.2	90.2	90.2	90.5	90.5	90.5	90.5
GE 3500	19.9	78.5	84.1	86.8	89.0	89.9	90.8	90.9	91.0	91.0	91.0	91.0	91.3	91.3	91.	91.3
GE 3000	20.2	79.8	85.5	88.4	90.8	91.5	92.5	92.6	92.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0
GE 2500	20.2	80.1	85.8	88.7	91.1	91.9	93.0	93.1	93.2	93.2	93.2	93.2	93.5	93.5	93.5	93.5
GE 2000	20.2	80.8	86.7	89.7	92.4	92.9	94.0	94.1	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.5
GE 1500	20.2	80.9	86.8	89.8	92.5	93.0	94.1	94.2	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6
GE 1000	20.2	81.3	87.2	90.2	92.8	93.4	94.5	94.6	94.7	94.7	94.7	94.7	95.1	95.1	95.1	95.1
GE 500	20.5	82.0	88.0	91.0	93.3	94.2	95.3	95.4	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8
GE 400	20.5	82.5	88.5	91.5	93.9	94.7	95.8	95.9	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3
GE 300	20.5	82.5	88.5	91.5	93.9	94.7	95.8	95.9	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3
GE 200	20.5	82.5	88.5	91.5	94.2	94.8	95.9	96.0	96.1	96.1	96.1	96.1	96.5	96.5	96.5	96.5
GE 100	20.5	82.6	88.6	91.6	94.1	94.9	96.0	96.1	96.2	96.2	96.2	96.2	96.6	96.6	96.6	96.6
GE 050	20.5	82.7	88.8	91.5	94.5	95.4	96.5	96.6	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1
GE 000	20.5	82.8	88.9	91.9	94.7	95.6	96.7	96.8	97.1	97.2	97.2	97.2	97.5	97.5	97.5	97.5
GE 400	20.5	82.8	88.9	91.9	94.8	95.7	97.1	97.2	97.5	97.6	97.6	97.6	98.0	98.0	98.3	98.3
GE 300	20.5	82.8	88.9	91.9	94.9	95.7	97.2	97.3	97.6	98.0	98.0	98.0	98.4	98.4	98.8	98.8
GE 200	20.5	82.8	88.9	91.9	94.9	95.8	97.3	97.4	98.1	98.4	98.4	98.4	99.0	99.0	99.6	99.6
GE 100	20.5	82.8	88.9	91.9	94.9	95.8	97.3	97.4	98.1	98.4	98.4	98.4	99.2	99.4	99.9	99.9
GE 0	20.5	82.8	88.9	91.9	94.	95.8	97.3	97.4	98.1	98.4	98.4	98.4	99.2	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	13.5	55.7	59.4	62.0	64.5	64.8	65.4	66.3	66.5	66.6	66.7	66.8	67.1	67.1	67.1	67.1
GE 20000	14.3	59.0	62.8	65.7	68.4	68.7	69.4	70.3	70.4	70.5	70.6	70.8	71.1	71.1	71.1	71.1
GE 18000	14.3	59.0	62.8	65.7	68.4	68.7	69.4	70.3	70.4	70.5	70.6	70.8	71.1	71.1	71.1	71.1
GE 16000	14.3	59.0	62.8	65.7	68.4	68.7	69.4	70.3	70.4	70.5	70.6	70.8	71.1	71.1	71.1	71.1
GE 14000	14.4	59.5	63.2	66.1	68.9	69.1	69.8	70.8	70.9	71.0	71.1	71.2	71.5	71.5	71.5	71.5
GE 12000	14.6	60.6	64.4	67.3	70.0	70.3	71.0	71.9	72.0	72.2	72.3	72.4	72.7	72.7	72.7	72.7
GE 10000	14.7	64.3	68.3	71.5	74.4	74.7	75.4	76.3	76.5	76.6	76.7	76.8	77.1	77.1	77.3	77.3
GE 9000	14.7	64.8	69.0	72.3	75.4	75.7	76.3	77.3	77.4	77.5	77.6	77.7	78.1	78.1	78.3	78.3
GE 8000	16.6	69.9	74.3	77.6	80.9	81.4	82.2	83.2	83.3	83.4	83.5	83.7	84.0	84.0	84.2	84.2
GE 7000	16.8	71.4	76.0	79.4	82.6	83.1	84.0	85.1	85.2	85.3	85.4	85.5	85.8	85.8	86.0	86.0
GE 6000	16.9	71.8	76.5	79.8	83.0	83.5	84.4	85.5	85.6	85.7	85.8	85.9	86.2	86.2	86.5	86.5
GE 5000	17.0	72.8	77.8	81.3	84.7	85.3	86.1	87.2	87.3	87.4	87.5	87.6	88.0	88.0	88.2	88.2
GE 4500	17.0	73.4	78.5	82.0	85.5	86.0	87.0	88.1	88.2	88.3	88.4	88.5	88.8	88.8	89.0	89.0
GE 4000	17.3	74.6	80.0	83.7	87.2	88.1	89.1	90.2	90.3	90.4	90.5	90.6	91.0	91.0	91.2	91.2
GE 3500	17.3	74.7	80.2	83.9	87.7	88.3	89.4	90.4	90.5	90.6	90.8	90.9	91.2	91.2	91.4	91.4
GE 3000	17.3	75.7	81.4	85.2	89.4	89.9	91.1	92.2	92.3	92.4	92.5	92.6	92.9	92.9	93.1	93.1
GE 2500	17.3	75.9	81.6	85.4	89.5	90.4	91.6	92.7	92.8	92.9	93.0	93.1	93.4	93.4	93.7	93.7
GE 2000	17.3	76.6	82.3	86.0	90.9	91.4	92.6	93.7	93.8	93.9	94.0	94.1	94.4	94.4	94.6	94.6
GE 1800	17.3	76.8	82.3	86.0	90.9	91.4	92.6	93.7	93.8	93.9	94.0	94.1	94.4	94.4	94.6	94.6
GE 1500	17.3	76.9	82.6	86.3	91.2	91.7	93.0	94.1	94.2	94.3	94.4	94.5	94.8	94.8	95.1	95.1
GE 1200	17.5	77.3	83.0	86.8	91.6	92.2	93.4	94.5	94.6	94.7	94.8	94.9	95.3	95.3	95.5	95.5
GE 1000	17.5	77.7	83.5	87.4	92.4	93.0	94.4	95.5	95.6	95.7	95.8	95.9	96.2	96.2	96.5	96.5
GE 900	17.5	77.7	83.9	87.7	92.7	93.3	94.7	95.8	95.9	96.0	96.1	96.2	96.6	96.6	96.8	96.8
GE 800	17.5	77.8	83.9	87.8	92.9	93.4	94.8	95.9	96.0	96.1	96.2	96.3	96.7	96.7	96.9	96.9
GE 700	17.5	78.0	84.0	88.0	92.9	93.5	94.9	96.0	96.1	96.2	96.3	96.5	96.8	96.8	97.0	97.0
GE 600	17.5	78.1	84.4	88.4	93.7	94.0	95.5	96.6	96.7	96.8	96.9	97.0	97.3	97.3	97.5	97.5
GE 500	17.5	78.2	84.5	88.5	93.9	94.1	95.6	96.7	96.8	96.9	97.0	97.1	97.4	97.4	97.6	97.6
GE 400	17.5	78.3	84.8	88.8	94.3	94.6	96.1	97.2	97.3	97.4	97.5	97.6	98.1	98.1	98.6	98.6
GE 300	17.5	78.3	84.8	88.8	94.3	94.6	96.1	97.3	97.4	97.7	97.8	98.0	98.5	98.5	99.0	99.0
GE 200	17.5	78.3	84.8	88.8	94.3	94.6	96.1	97.4	97.7	98.2	98.3	98.4	99.1	99.1	99.7	99.7
GE 100	17.5	78.3	84.8	88.8	94.3	94.6	96.1	97.4	97.7	98.4	98.5	98.6	99.4	99.4	100.0	100.0
GE 0	17.5	78.3	84.8	88.8	94.3	94.6	96.1	97.4	97.7	98.4	98.5	98.6	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0600-0800

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
	VISIBILITY IN STATUTE MILES															
NO CEIL	10.9	50.2	52.4	53.9	56.2	56.2	57.2	57.8	58.0	58.3	58.4	58.4	58.5	58.5	58.5	58.5
GE 20000	11.9	54.8	57.3	59.5	62.4	62.4	63.5	64.2	64.3	64.6	64.7	64.7	64.9	64.9	64.9	64.9
GE 18000	11.9	54.8	57.3	59.5	62.4	62.5	63.7	64.3	64.4	64.7	64.8	64.8	65.1	65.1	65.1	65.1
GE 16000	11.9	54.9	57.4	59.6	62.5	62.6	63.8	64.4	64.5	64.8	64.9	64.9	65.2	65.2	65.2	65.2
GE 14000	11.9	55.1	57.6	59.8	62.7	62.8	64.0	64.6	64.7	65.1	65.2	65.2	65.4	65.4	65.4	65.4
GE 12000	12.6	56.6	59.2	61.5	64.5	64.7	66.1	66.8	66.9	67.2	67.4	67.4	67.6	67.7	67.7	67.7
GE 10000	13.7	61.4	64.2	66.9	70.4	70.6	72.0	72.9	73.1	73.4	73.7	73.7	74.1	74.2	74.2	74.2
GE 9000	13.7	61.4	64.3	67.1	71.0	71.2	72.6	73.5	73.8	74.1	74.3	74.3	74.7	74.8	74.8	74.8
GE 8000	14.6	66.7	69.9	73.1	77.2	77.4	79.0	80.1	80.3	80.8	81.2	81.2	81.6	81.7	81.7	81.7
GE 7000	15.2	68.2	71.5	74.8	79.0	79.2	80.9	81.9	82.2	82.6	83.0	83.0	83.4	83.5	83.5	83.5
GE 6000	15.3	69.1	72.5	75.8	80.0	80.2	81.8	83.0	83.2	83.7	84.2	84.2	84.6	84.7	84.7	84.7
GE 5000	15.4	70.3	73.8	77.1	81.6	81.8	83.4	84.6	84.8	85.3	85.8	85.8	86.2	86.3	86.3	86.3
GE 4500	15.4	70.8	74.2	77.5	82.0	82.3	84.1	85.3	85.5	85.9	86.5	86.5	86.9	87.0	87.0	87.0
GE 4000	15.4	72.0	75.7	79.1	84.2	84.4	86.3	87.5	87.7	88.2	88.7	88.7	89.1	89.2	89.2	89.2
GE 3500	15.9	72.3	75.9	79.4	84.5	84.7	86.7	87.8	88.1	88.5	89.0	89.0	89.5	89.6	89.6	89.6
GE 3000	16.0	72.6	76.2	79.9	85.5	85.7	87.6	88.8	89.0	89.5	90.0	90.0	90.4	90.5	90.5	90.5
GE 2500	16.0	73.1	76.8	80.5	86.2	86.5	88.5	89.7	89.9	90.3	90.9	90.9	91.3	91.4	91.4	91.4
GE 2000	16.0	74.1	77.8	81.6	87.4	87.6	89.7	90.9	91.1	91.5	92.0	92.0	92.5	92.6	92.6	92.6
GE 1500	16.1	74.3	78.1	81.6	87.6	87.8	89.9	91.1	91.3	91.7	92.3	92.3	92.7	92.8	92.8	92.8
GE 1500	16.1	74.9	78.7	82.5	88.3	88.5	90.5	91.7	91.9	92.4	92.9	92.9	93.3	93.4	93.4	93.4
GE 1300	16.1	74.9	78.7	82.5	88.3	88.5	90.9	92.0	92.3	92.7	93.2	93.2	93.7	93.8	93.8	93.8
GE 1100	16.1	75.2	78.9	82.9	88.9	89.1	91.5	92.8	93.0	93.4	94.0	94.0	94.4	94.5	94.5	94.5
GE 900	16.1	75.3	79.0	83.1	89.1	89.4	92.0	93.3	93.5	94.0	94.5	94.5	94.9	95.1	95.1	95.1
GE 800	16.1	75.6	79.5	83.8	89.8	90.0	92.8	94.1	94.3	94.7	95.3	95.3	95.7	95.8	95.8	95.8
GE 700	16.1	75.6	79.5	83.9	89.9	90.1	92.9	94.2	94.4	94.8	95.4	95.4	95.8	95.9	95.9	95.9
GE 600	16.1	75.6	79.6	84.1	90.5	90.4	93.3	94.6	94.8	95.4	96.1	96.1	96.6	96.7	96.7	96.7
GE 500	16.1	75.7	79.7	84.4	90.7	90.9	94.0	95.3	95.5	96.0	96.8	96.8	97.2	97.3	97.3	97.3
GE 400	16.1	75.8	79.8	84.6	91.2	91.5	94.8	96.1	96.3	96.9	97.6	97.6	98.2	98.3	98.4	98.4
GE 300	16.1	75.8	79.8	84.6	91.2	91.5	94.8	96.3	96.6	97.2	98.0	98.0	98.5	98.6	98.7	98.9
GE 200	16.1	75.8	79.8	84.6	91.2	91.5	94.9	96.5	96.7	97.6	98.4	98.4	99.0	99.2	99.5	99.7
GE 100	16.1	75.8	79.8	84.6	91.2	91.5	94.9	96.5	96.7	97.6	98.4	98.4	99.0	99.2	99.6	100.0
GE 0	16.1	75.8	79.8	84.6	91.2	91.5	94.9	96.5	96.7	97.6	98.4	98.4	99.0	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
50 CEIL	11.8	51.9	54.4	55.5	57.0	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	13.4	57.5	60.6	62.3	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5
GE 18000	13.8	58.0	60.9	62.6	64.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8
GE 16000	13.8	58.4	61.3	63.0	64.7	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3
GE 14000	14.0	56.9	61.5	63.5	65.3	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9
GE 12000	14.1	60.0	67.9	69.6	66.3	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0
GE 10000	14.7	63.0	66.7	68.5	70.4	70.9	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.5	71.5
GE 9000	14.7	63.9	67.6	68.9	70.9	71.3	71.6	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.3	72.3
GE 8000	15.7	66.5	71.0	73.8	75.8	76.2	76.7	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4
GE 7000	16.2	70.8	74.2	76.5	78.9	79.5	79.9	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6
GE 6000	16.3	71.3	74.7	77.1	79.6	80.1	80.5	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3
GE 5000	16.3	72.3	75.7	78.3	81.1	81.6	82.0	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8
GE 4500	16.7	72.7	76.2	78.8	81.6	82.2	82.6	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3
GE 4000	16.8	74.5	78.2	81.0	84.0	84.5	85.1	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8
GE 3500	17.1	75.5	79.1	81.9	85.1	85.7	86.3	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1
GE 3000	17.7	77.0	80.6	83.4	86.8	87.4	88.2	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9
GE 2500	17.8	77.8	81.7	84.2	87.7	88.4	89.1	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9
GE 2000	18.2	79.2	82.9	85.8	89.5	90.1	90.9	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6
GE 1800	18.2	79.6	83.2	86.1	89.9	90.5	91.3	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0
GE 1500	18.2	81.5	85.2	88.2	92.0	92.8	93.5	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3
GE 1200	18.2	81.7	85.5	88.8	92.9	93.5	94.3	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.2	95.2
GE 1000	18.2	81.9	85.8	89.2	93.7	94.0	94.7	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6
GE 900	18.2	81.9	85.8	89.5	93.7	94.2	94.9	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9
GE 800	18.2	82.2	86.1	90.0	94.4	95.1	95.8	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9
GE 700	18.2	82.2	86.1	90.2	94.8	95.6	96.3	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.4	97.4
GE 600	18.2	82.2	86.1	90.2	95.1	95.9	97.0	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.2	98.2
GE 500	18.2	82.2	86.1	90.2	95.2	96.1	97.2	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.4	98.4
GE 400	18.2	82.2	86.1	90.2	95.2	96.2	97.5	98.4	98.5	98.8	98.9	98.9	98.9	98.9	99.0	99.0
GE 300	18.2	82.2	86.1	90.2	95.2	96.3	97.6	98.6	98.7	99.4	99.5	99.5	99.5	99.7	99.8	99.8
GE 200	18.2	82.2	86.1	90.2	95.3	96.3	97.6	98.6	98.7	99.5	99.6	99.6	99.6	99.9	100.0	100.0
GE 100	18.2	82.2	86.1	90.2	95.3	96.3	97.6	98.6	98.7	99.5	99.6	99.6	99.6	99.9	100.0	100.0
GE 0	18.2	82.2	86.1	90.2	95.3	96.3	97.6	98.6	98.7	99.5	99.6	99.6	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 938

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1200-1400

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
	VISIBILITY IN STATUTE MILES															
NO CEIL	11.2	51.6	54.2	54.8	56.7	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 20000	12.9	58.3	61.1	61.7	63.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 18000	12.9	58.5	61.3	61.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 16000	12.9	58.7	61.5	62.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	13.0	59.8	62.6	63.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 12000	13.2	60.5	63.4	64.2	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 10000	14.6	64.4	67.4	68.3	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 9000	14.6	64.9	68.0	68.8	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 8000	15.1	68.5	71.8	73.0	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	15.6	70.1	73.4	75.1	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	16.0	71.3	74.6	76.2	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 5000	16.2	73.5	77.0	78.7	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	16.3	74.6	78.1	80.1	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	16.7	77.1	80.8	82.4	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3500	17.0	79.2	83.1	85.2	87.4	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	18.1	82.0	86.0	88.3	91.2	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	18.4	82.9	87.0	89.2	92.4	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	18.8	84.5	88.6	91.0	94.1	94.6	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	18.8	84.9	89.1	91.5	94.7	95.5	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	18.8	85.3	89.5	92.2	95.5	96.2	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	18.8	85.5	89.9	92.7	96.5	96.8	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	18.8	85.7	90.1	92.9	96.5	97.2	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	18.8	85.7	90.1	93.0	96.7	97.4	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	18.9	85.8	90.2	93.1	96.8	97.5	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	18.9	85.9	90.2	93.4	97.1	97.6	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	18.9	85.9	90.3	93.7	97.3	98.1	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	18.9	85.9	90.3	93.9	97.5	98.3	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	18.9	85.9	90.3	93.9	97.9	98.3	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	18.9	85.9	90.3	93.9	97.9	98.6	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	18.9	85.9	90.3	93.9	97.9	98.6	99.1	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	18.9	85.9	90.3	93.9	97.9	98.6	99.1	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	18.9	85.9	90.3	93.9	97.9	98.6	99.1	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/16	GE 1/4	GE 0
NO CEIL	12.6	51.8	54.5	55.4	56.7	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	14.3	60.0	63.4	64.4	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	14.5	60.9	64.3	65.3	66.7	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	14.5	61.0	64.4	65.4	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 14000	14.7	61.7	65.2	66.1	67.5	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 12000	15.5	63.8	67.2	68.2	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 10000	15.9	66.6	70.2	71.2	72.8	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 9000	16.1	67.5	71.3	72.4	74.0	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 8000	17.2	70.4	74.5	75.7	77.4	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 7000	17.4	71.5	75.6	76.8	78.5	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 6000	17.5	72.6	76.8	78.0	79.7	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 5000	17.8	75.6	79.8	81.0	82.7	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7
GE 4500	17.8	76.1	80.3	81.6	83.6	84.4	84.5	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9
GE 4000	18.1	78.5	82.9	84.4	86.9	87.5	87.6	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1
GE 3500	19.2	81.0	85.8	87.6	90.1	90.8	90.9	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE 3000	18.7	82.0	87.5	89.6	92.6	93.2	93.3	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8
GE 2500	19.0	82.5	88.1	90.2	93.4	94.4	94.5	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9
GE 2000	19.1	83.1	88.8	91.0	94.2	95.5	95.7	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 1800	19.1	83.4	89.2	91.4	94.6	95.9	96.1	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6
GE 1500	19.1	83.4	89.2	91.4	94.6	95.9	96.1	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6
GE 1200	19.1	83.5	89.4	91.5	94.7	96.1	96.3	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 1000	19.1	83.5	89.4	91.8	95.1	96.5	96.7	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 900	19.1	83.7	89.7	92.2	95.6	97.0	97.2	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 800	19.1	83.7	89.8	92.6	96.1	97.4	97.6	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 700	19.1	83.8	90.0	92.9	96.5	97.8	98.1	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 600	19.1	84.0	90.2	93.3	96.9	98.2	98.5	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 500	19.1	84.0	90.2	93.5	97.1	98.7	99.1	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	19.1	84.0	90.2	93.5	97.1	98.7	99.1	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	19.1	84.0	90.2	93.5	97.1	98.7	99.1	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	19.1	84.0	90.2	93.5	97.1	98.7	99.1	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	19.1	84.0	90.2	93.5	97.1	98.7	99.1	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	19.1	84.0	90.2	93.5	97.1	98.7	99.1	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	57.2	55.2	57.8	59.0	60.3	60.3	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
GE 20000	15.2	62.6	65.8	67.3	69.1	69.2	69.2	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6
GE 18000	15.3	62.8	66.1	67.6	69.5	69.6	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
GE 16000	15.3	62.8	66.1	67.6	69.5	69.6	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
GE 14000	15.5	63.9	67.3	68.8	70.6	70.8	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1
GE 12000	15.9	65.5	69.0	70.8	72.6	72.7	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000	16.7	68.7	72.4	74.2	76.0	76.1	76.1	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5
GE 9000	16.8	69.9	73.7	75.6	77.6	77.7	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 8000	17.4	73.0	76.9	79.1	81.0	81.2	81.2	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
GE 7000	17.4	73.8	77.8	80.2	82.0	82.6	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
GE 6000	17.4	74.6	78.9	81.4	83.3	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
GE 5000	17.7	76.7	81.0	83.4	85.4	85.9	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	17.7	77.6	81.9	84.4	86.5	87.0	87.0	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 4000	18.4	79.9	84.2	86.8	89.1	89.7	89.7	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 3500	18.6	81.2	85.7	88.5	91.0	91.5	91.5	91.9	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	18.9	82.9	87.6	90.4	92.9	93.4	93.4	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	19.2	83.5	88.3	91.3	93.9	94.4	94.5	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 2000	19.2	84.0	88.7	91.7	94.3	94.8	94.9	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	19.2	84.1	88.8	91.8	94.4	94.9	95.1	95.7	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500	19.2	84.4	89.2	92.3	94.9	95.5	95.6	96.2	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	19.4	84.8	89.7	92.7	95.6	96.1	96.2	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	19.4	84.9	89.8	92.9	95.9	96.5	96.6	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	19.4	85.2	90.2	93.4	96.5	97.0	97.1	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	19.5	85.4	90.5	93.8	96.5	97.3	97.4	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	19.5	85.4	90.5	94.0	97.0	97.5	97.6	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	19.5	85.4	90.5	94.2	97.2	97.7	97.8	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	19.5	85.7	90.9	94.5	97.7	98.3	98.4	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	19.5	85.7	90.9	94.5	97.8	98.4	98.6	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	19.5	85.7	90.9	94.5	97.8	98.4	98.6	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	19.5	85.7	90.9	94.5	97.8	98.4	98.6	99.4	99.4	99.6	99.7	99.7	99.8	99.8	100.0	100.0
GE 100	19.5	85.7	90.9	94.5	97.8	98.4	98.6	99.4	99.4	99.6	99.7	99.7	99.8	99.8	100.0	100.0
GE 0	19.5	85.7	90.9	94.5	97.8	98.4	98.6	99.4	99.4	99.6	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	57.7	59.9	63.1	64.6	65.8	66.6	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	16.9	66.0	69.6	71.1	72.5	73.3	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 18000	16.9	66.0	69.8	71.3	72.7	73.5	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 16000	16.9	66.0	69.8	71.3	72.7	73.5	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 14000	16.9	66.3	70.1	71.6	73.1	74.0	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 12000	16.9	67.5	71.3	72.8	74.3	75.2	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 10000	17.8	69.9	73.9	75.7	77.3	78.3	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 9000	17.8	70.6	74.6	76.8	78.5	79.5	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 8000	18.6	73.2	77.2	79.4	81.3	82.3	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 7000	18.8	74.7	78.9	81.2	83.1	84.1	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 6000	18.9	75.2	79.4	81.6	83.5	84.5	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 5000	19.1	77.7	82.3	84.5	86.9	87.8	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4500	19.1	78.0	82.5	84.7	87.1	88.1	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 4000	19.6	80.1	85.1	87.4	90.0	91.0	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	19.6	81.0	86.0	88.4	91.2	92.2	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	19.6	82.0	87.2	89.9	92.7	93.7	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2500	19.6	82.2	87.3	90.0	92.8	93.8	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	19.6	83.3	88.5	91.2	94.0	94.9	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	19.6	83.3	88.5	91.2	94.0	94.9	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	19.6	83.4	88.6	91.0	94.6	95.6	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	19.9	83.9	89.2	92.0	95.3	96.2	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	19.9	84.3	89.8	92.6	95.8	96.8	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	19.9	84.3	89.8	92.6	95.8	96.8	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	19.9	84.3	89.8	92.6	96.0	97.0	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	19.9	84.3	89.8	92.6	96.0	97.0	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	19.9	84.3	89.8	92.6	96.0	97.4	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	19.9	84.3	89.8	92.8	96.8	97.7	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	19.9	84.3	89.8	92.8	97.0	98.0	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	19.9	84.3	90.0	93.1	97.3	98.3	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6
GE 200	19.9	84.3	90.0	93.1	97.3	98.3	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.8	99.9
GE 100	19.9	84.3	90.0	93.1	97.3	98.3	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.8	99.9
GE 0	19.9	84.3	90.0	93.1	97.3	98.3	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 935

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-84
MONTH: JUL HOURS(LST): ALL

CEILING IN FEET		VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		53.2	54.6	57.4	58.8	60.4	60.7	61.0	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5
GE 20000		14.5	60.2	63.4	65.0	66.4	67.2	67.6	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1
GE 18000		14.6	60.4	63.6	65.3	67.1	67.5	67.9	68.1	68.2	68.2	68.3	68.3	68.4	68.4	68.4	68.4
GE 16000		14.6	60.5	63.7	65.4	67.3	67.6	68.0	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5
GE 14000		14.7	61.2	64.1	66.0	67.9	68.2	68.6	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1
GE 12000		15.1	62.4	65.7	67.9	69.8	69.7	70.1	70.3	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.6
GE 10000		15.9	65.8	69.3	71.2	73.3	73.7	74.1	74.4	74.5	74.6	74.6	74.6	74.8	74.8	74.8	74.
GE 9000		16.9	66.4	70.0	72.0	74.2	74.6	75.1	75.4	75.5	75.6	75.6	75.6	75.8	75.8	75.8	75.8
GE 8000		16.8	70.2	74.0	76.2	78.5	79.0	79.5	79.9	79.9	80.0	80.1	80.1	80.3	80.3	80.3	80.3
GE 7000		17.1	71.7	75.7	78.1	80.4	81.0	81.5	81.9	82.0	82.1	82.2	82.2	82.3	82.3	82.4	82.4
GE 6000		17.3	72.6	76.5	78.9	81.3	81.9	82.5	82.9	82.9	83.0	83.1	83.1	83.3	83.3	83.3	83.3
GE 5000		17.4	74.3	78.5	81.4	83.7	84.1	84.7	85.1	85.1	85.2	85.3	85.3	85.5	85.5	85.5	85.
GE 4500		17.4	74.4	79.1	81.6	84.2	84.8	85.4	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.4	86.4
GE 4000		17.8	76.8	81.3	83.9	86.9	87.5	88.1	88.6	88.6	88.8	88.9	88.9	89.0	89.0	89.1	89.1
GE 3500		17.9	77.9	82.5	85.2	88.3	88.9	89.5	90.0	90.1	90.2	90.3	90.3	90.4	90.4	90.5	90.5
GE 3000		18.3	79.2	84.1	86.9	90.2	91.0	91.6	92.0	92.1	92.2	92.3	92.3	92.5	92.5	92.5	92.5
GE 2500		18.5	79.7	84.6	87.4	91.1	91.6	92.4	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.4	93.4
GE 2000		18.6	80.7	85.5	88.2	92.2	92.8	93.5	94.0	94.1	94.2	94.3	94.4	94.5	94.5	94.6	94.6
GE 1800		18.6	80.9	85.7	88.7	93.1	93.6	94.8	94.9	94.9	94.5	94.6	94.6	94.7	94.7	94.8	94.8
GE 1500		18.6	81.4	86.3	89.3	93.7	94.7	94.5	95.1	95.1	95.2	95.3	95.3	95.5	95.5	95.5	95.5
GE 1000		18.7	81.7	86.7	89.7	93.7	94.1	95.0	95.6	95.8	95.8	95.9	95.9	96.0	96.0	96.1	96.1
GE 900		18.7	82.0	87.0	90.1	94.1	94.7	95.6	96.1	96.3	96.3	96.4	96.4	96.5	96.5	96.6	96.6
GE 800		18.7	82.1	87.1	91.4	94.1	95.0	95.9	96.4	96.5	96.6	96.7	96.7	96.9	96.9	97.0	97.0
GE 700		18.7	82.1	87.2	90.6	94.5	95.3	96.2	96.8	96.9	97.0	97.1	97.1	97.3	97.3	97.4	97.4
GE 600		18.7	82.1	87.4	90.8	94.1	95.6	96.5	97.1	97.1	97.3	97.4	97.4	97.5	97.5	97.6	97.6
GE 500		18.7	82.3	87.6	91.0	95.1	95.9	96.9	97.5	97.6	97.7	97.9	97.9	98.1	98.1	98.1	98.1
GE 400		18.7	82.3	87.6	91.2	95.4	96.2	97.3	97.9	98.0	98.1	98.3	98.3	98.4	98.5	98.5	98.
GE 300		18.7	82.4	87.6	91.3	95.6	96.4	97.6	98.3	98.4	98.5	98.7	98.7	98.9	98.9	99.	99.
GE 200		18.7	82.4	87.6	91.5	95.6	96.5	97.7	98.4	98.5	98.6	99.0	99.1	99.2	99.2	99.4	99.4
GE 150		18.7	82.4	87.6	91.5	95.6	96.5	97.7	98.5	98.7	99.	99.2	99.2	99.5	99.6	99.8	99.8
GE 100		18.7	82.4	87.6	91.5	95.6	96.5	97.7	98.5	98.7	99.	99.2	99.2	99.5	99.6	99.8	99.8
GE 0		18.7	82.4	87.6	91.5	95.6	96.5	97.7	98.5	98.7	99.2	99.2	99.2	99.5	99.6	99.9	100.

TOTAL NUMBER OF OBSERVATIONS: 7486

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
50 CEIL	56.5	56.5	58.6	60.5	61.7	62.5	62.6	62.5	63.4	63.7	64.0	64.0	64.1	64.1	64.2	64.4
GE 20000	59.9	60.1	63.7	64.9	66.6	67.3	67.4	67.7	68.4	68.6	68.9	68.9	69.0	69.0	69.1	69.4
GE 15000	59.9	60.1	63.3	64.9	66.6	67.3	67.4	67.7	68.4	68.6	68.9	68.9	69.0	69.0	69.1	69.4
GE 10000	59.9	60.1	63.3	64.9	66.6	67.3	67.4	67.7	68.4	68.6	68.9	68.9	69.0	69.0	69.1	69.4
GE 7000	59.9	60.9	64.[illegible]	65.8	67.9	68.6	68.7	69.0	69.7	69.9	70.2	70.2	70.3	70.3	70.4	70.6
GE 5000	59.9	62.6	65.4	67.0	68.6	69.8	69.9	70.2	70.9	71.1	71.5	71.5	71.6	71.6	71.7	71.9
GE 3000	59.9	63.7	67.4	69.1	70.[illegible]	71.9	72.[illegible]	72.4	73.0	73.2	73.7	73.7	73.8	73.8	73.9	74.1
GE 2500	59.9	64.0	67.7	69.8	71.9	72.6	72.7	73.0	73.7	73.9	74.3	74.3	74.4	74.4	74.5	74.7
GE 2000	59.9	64.6	68.5	70.8	72.[illegible]	73.8	73.9	74.2	74.8	75.1	75.5	75.5	75.6	75.6	75.7	75.9
GE 1500	59.9	65.6	70.1	72.8	74.1	75.4	75.5	75.8	76.5	76.7	77.1	77.1	77.2	77.2	77.3	77.5
GE 1000	59.9	66.3	71.3	73.5	75.[illegible]	76.6	76.7	77.0	77.6	77.8	78.3	78.3	78.4	78.4	78.5	78.7
GE 500	59.9	67.2	72.7	74.6	76.7	78.0	78.3	78.6	79.2	79.5	79.9	79.9	80.0	80.0	80.1	80.3
GE 400	59.9	67.5	72.9	74.7	76.9	78.1	78.7	79.0	79.7	79.9	80.3	80.3	80.4	80.4	80.5	80.6
GE 300	59.9	70.3	75.0	76.8	81.7	83.1	83.9	84.6	85.4	85.6	86.0	86.1	86.1	86.1	86.2	86.5
GE 200	61.4	71.[illegible]	76.[illegible]	78.[illegible]	83.[illegible]	85.1	86.[illegible]	87.[illegible]	87.7	88.1	88.4	88.4	88.5	88.5	88.6	88.8
GE 150	61.8	73.1	79.1	8[illegible]	86.1	87.6	88.8	89.6	[illegible]	90.[illegible]	91.0	91.0	91.1	91.1	91.2	91.4
GE 100	61.8	73.4	79.[illegible]	8[illegible]	86.[illegible]	88.3	89.[illegible]	90.3	91.1	91.3	91.7	91.7	91.8	91.8	91.9	92.[illegible]
GE 80	61.[illegible]	74.4	8[illegible]	8[illegible]	87.[illegible]	89.4	90.[illegible]	91.4	92.[illegible]	92.[illegible]	92.8	92.8	92.9	92.[illegible]	93.0	93.[illegible]
GE 60	61.8	74.7	81.1	8[illegible]	8[illegible]	89.7	91.1	91.[illegible]	92.6	92.8	93.2	93.2	93.3	93.3	93.4	93.7
GE 40	61.8	75.3	81.[illegible]	8[illegible]	89.4	91.4	92.[illegible]	93.[illegible]	93.9	94.[illegible]	94.4	94.4	94.5	94.5	94.6	94.8
GE 30	61.8	75.6	82.[illegible]	85.3	89.1	91.6	93.1	93.9	94.5	94.8	95.3	95.3	95.4	95.4	95.5	95.7
GE 20	61.8	75.7	83.7	[illegible]	[illegible]	[illegible]	93.8	94.5	95.1	95.3	95.9	95.9	96.0	96.0	96.1	96.3
GE 15	[illegible]	75.8	83.[illegible]	85.[illegible]	89.[illegible]	[illegible]	94.[illegible]	94.7	95.4	95.7	96.1	96.1	96.2	96.2	96.3	96.6
GE 10	[illegible]	76.[illegible]	83.[illegible]	86.[illegible]	91.[illegible]	93.9	96.[illegible]	95.[illegible]	96.1	96.[illegible]	96.8	96.[illegible]	96.9	96.9	97.0	97.[illegible]
GE 5	[illegible]	76.[illegible]	83.[illegible]	86.[illegible]	91.[illegible]	93.[illegible]	96.[illegible]	95.7	97.[illegible]	96.[illegible]	97.[illegible]	97.[illegible]	97.7	97.3	97.4	97.8
GE 0	[illegible]	[illegible]	87.4	90.7	91.[illegible]	93.[illegible]	97.[illegible]	98.[illegible]	97.[illegible]	97.1	97.5	97.5	97.6	97.6	97.7	98.[illegible]
GE 5000	71.[illegible]	7[illegible]	87.4	90.[illegible]	93.[illegible]	95.[illegible]	97.4	98.[illegible]	97.[illegible]	97.[illegible]	98.[illegible]	98.1	98.1	98.1	98.[illegible]	98.4
GE 4500	71.4	7[illegible]	87.7	91.[illegible]	93.[illegible]	95.9	97.7	98.[illegible]	97.8	98.[illegible]	98.4	98.4	98.5	98.5	98.6	98.8
GE 4000	71.4	7[illegible]	87.7	91.[illegible]	93.[illegible]	95.9	97.7	98.[illegible]	97.8	98.[illegible]	98.5	98.5	98.6	98.6	98.7	98.8
GE 3500	71.4	7[illegible]	87.7	91.[illegible]	93.[illegible]	95.9	97.7	98.[illegible]	97.8	98.1	98.6	98.6	98.7	98.7	98.8	99.[illegible]
GE 3000	71.4	7[illegible]	87.7	91.[illegible]	93.[illegible]	95.9	97.7	98.[illegible]	97.7	98.1	98.6	98.6	98.7	98.7	98.9	99.[illegible]
GE 2500	71.7	7[illegible]	87.7	91.[illegible]	93.4	95.9	97.7	98.[illegible]	97.7	98.1	98.6	98.7	98.7	98.9	99.[illegible]	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.6	49.4	52.6	54.4	56.5	57.6	58.4	58.8	59.1	59.8	60.2	60.4	61.1	61.2	61.3	61.4
GE 20000	49.4	52.9	56.6	58.7	61.0	62.3	63.0	63.5	64.0	64.6	65.1	65.3	65.9	66.0	66.1	66.2
GE 18000	49.4	53.0	56.9	58.8	61.1	62.4	63.1	63.7	64.1	64.7	65.3	65.5	66.1	66.2	66.3	66.5
GE 16000	49.4	53.0	56.9	58.8	61.1	62.4	63.1	63.7	64.1	64.7	65.3	65.5	66.1	66.2	66.3	66.5
GE 14000	49.6	53.7	57.5	59.5	61.7	63.1	63.9	64.4	64.8	65.5	66.0	66.2	66.9	67.0	67.1	67.2
GE 12000	49.6	54.8	59.1	61.1	63.3	64.7	65.5	66.0	66.5	67.1	67.6	67.8	68.5	68.6	68.7	68.8
GE 10000	49.7	56.7	61.5	63.4	66.1	67.6	68.5	69.1	69.6	70.2	70.8	71.0	71.6	71.7	71.8	71.9
GE 9000	49.7	56.9	61.7	63.7	66.5	68.2	69.1	69.8	70.2	70.9	71.4	71.6	72.3	72.4	72.5	72.6
GE 8000	49.9	58.1	63.5	65.1	68.3	70.0	70.9	71.5	71.9	72.6	73.2	73.4	74.1	74.2	74.3	74.4
GE 7000	50.0	58.7	63.9	65.9	69.1	70.8	71.7	72.4	72.8	73.4	74.1	74.3	74.9	75.1	75.2	75.3
GE 6000	50.0	58.2	64.5	66.8	70.0	71.6	72.7	73.3	73.8	74.4	75.1	75.3	75.9	76.0	76.1	76.2
GE 5000	50.2	60.6	66.2	68.5	71.8	73.4	74.5	75.2	75.6	76.2	76.9	77.1	77.7	77.8	78.0	78.1
GE 4500	50.2	61.2	66.8	69.0	72.4	74.1	75.5	76.1	76.7	77.3	78.0	78.2	78.8	78.9	79.0	79.1
GE 4000	50.5	63.9	69.6	72.2	75.4	77.4	78.8	79.6	80.1	80.9	81.5	81.8	82.5	82.7	82.8	83.0
GE 3500	50.5	64.8	70.8	73.4	77.5	79.1	80.8	81.6	82.2	82.9	83.5	83.9	84.5	84.7	84.8	85.1
GE 3000	50.5	66.0	72.2	75.3	79.8	81.5	83.1	84.0	84.5	85.3	85.9	86.2	86.9	87.1	87.2	87.4
GE 2500	50.5	66.9	73.2	76.5	81.1	82.8	84.9	85.8	86.3	87.1	87.7	88.1	88.7	88.9	89.0	89.2
GE 2000	50.5	67.3	73.7	77.0	81.9	83.6	85.9	87.0	87.5	88.3	88.9	89.2	89.9	90.1	90.2	90.4
GE 1800	50.5	67.4	73.8	77.1	82.[illegible]	83.9	86.0	87.2	87.7	88.5	89.1	89.5	90.1	90.3	90.4	90.6
GE 1500	50.8	68.3	74.7	78.1	83.1	84.9	87.2	88.4	88.9	89.7	90.3	90.6	91.3	91.5	91.6	91.8
GE 1200	50.8	68.9	75.7	79.3	84.7	86.0	88.3	89.5	90.0	90.8	91.4	91.7	92.4	92.6	92.7	92.9
GE 1000	51.0	69.1	75.9	79.4	84.7	86.0	89.0	90.2	90.8	91.5	92.2	92.5	93.1	93.3	93.4	93.7
GE 900	51.2	69.1	75.9	79.4	84.9	86.7	89.1	90.5	91.1	91.8	92.5	92.8	93.4	93.7	93.8	94.0
GE 800	51.6	69.7	76.5	80.0	85.6	87.7	90.6	92.0	92.6	93.3	94.0	94.3	94.9	95.1	95.3	95.5
GE 700	51.9	69.9	76.7	80.1	86.2	88.0	90.9	92.4	92.9	93.7	94.3	94.6	95.2	95.5	95.6	95.8
GE 600	51.9	70.1	76.9	80.5	86.7	88.4	91.3	92.8	93.3	94.2	94.8	95.2	95.8	96.0	96.1	96.3
GE 500	51.9	70.2	77.0	81.2	87.[illegible]	88.9	91.8	93.3	93.9	94.7	95.4	95.7	96.3	96.6	96.7	96.9
GE 400	51.9	70.3	77.1	81.5	87.7	89.7	92.6	94.5	95.1	96.1	96.9	97.2	98.0	98.3	98.4	98.6
GE 300	51.9	70.4	77.2	81.6	87.7	89.8	92.7	94.8	95.7	96.7	97.4	97.8	98.6	98.7	99.0	99.2
GE 200	51.9	70.4	77.2	81.6	87.7	89.8	92.7	94.8	95.7	96.7	97.4	97.8	99.0	99.4	99.5	99.8
GE 100	51.9	70.4	77.2	81.6	87.7	89.8	92.7	94.8	95.7	96.7	97.4	97.8	99.1	99.5	99.7	100.0
TOT	51.9	70.4	77.2	81.6	87.7	89.8	92.7	94.8	95.7	96.7	97.4	97.8	99.1	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS : [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-87
MONTH: AUG HOURS(LST): [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 7/16	GE 3/8	GE [illegible]
NO CEIL	9.4	43.0	44.7	46.1	48.1	49.1	50.7	50.6	56.9	51.[illegible]	51.5	51.[illegible]	51.7	51.8	51.4	[illegible]
GE 20000	9.8	46.9	49.1	50.9	53.[illegible]	54.6	55.9	56.6	56.8	57.[illegible]	57.8	57.8	58.1	58.[illegible]	[illegible]	[illegible]
GE 18000	9.8	47.0	49.[illegible]	51.[illegible]	53.[illegible]	54.7	56.[illegible]	56.7	56.9	57.4	58.[illegible]	58.[illegible]	58.[illegible]	58.[illegible]	[illegible]	[illegible]
GE 16000	9.8	47.2	49.5	51.2	53.[illegible]	54.9	56.2	56.9	57.1	57.6	58.2	58.[illegible]	58.4	58.[illegible]	[illegible]	[illegible]
GE 14000	9.8	47.8	50.[illegible]	51.9	54.[illegible]	55.7	57.0	57.6	57.8	58.4	58.9	58.[illegible]	59.1	[illegible]	[illegible]	[illegible]
GE 12000	9.9	48.6	51.2	52.9	55.[illegible]	56.9	58.2	58.8	59.0	59.6	60.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	10.0	51.3	53.9	56.0	58.[illegible]	60.3	61.7	62.7	63.[illegible]	63.9	64.1	64.1	64.[illegible]	64.4	64.4	[illegible]
GE 9000	10.0	51.6	54.5	56.7	59.6	61.1	62.[illegible]	63.4	63.7	64.2	64.4	64.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	10.1	54.8	57.4	60.3	63.7	65.[illegible]	66.6	68.1	68.[illegible]	68.6	69.5	69.[illegible]	69.7	[illegible]	[illegible]	[illegible]
GE 7000	10.1	55.4	59.8	61.5	64.[illegible]	66.5	68.2	69.6	70.1	70.[illegible]	71.2	71.[illegible]	71.6	71.[illegible]	[illegible]	[illegible]
GE 6000	10.2	56.5	60.2	63.6	66.[illegible]	68.1	69.8	71.4	71.6	72.1	72.9	72.9	73.1	73.[illegible]	[illegible]	[illegible]
GE 5000	10.2	57.2	61.4	64.5	69.[illegible]	69.8	71.6	73.2	73.4	74.1	74.7	74.7	74.4	[illegible]	[illegible]	[illegible]
GE 4500	10.2	58.0	62.2	65.3	69.[illegible]	70.6	72.5	74.2	74.6	75.3	75.9	75.9	76.1	76.[illegible]	[illegible]	[illegible]
GE 4000	11.0	60.6	65.1	68.4	72.[illegible]	73.8	75.9	77.7	78.2	78.6	79.5	79.[illegible]	79.4	[illegible]	[illegible]	[illegible]
GE 3500	11.1	61.4	67.8	69.1	73.[illegible]	74.8	77.2	79.4	79.9	80.[illegible]	81.7	81.9	81.5	81.7	[illegible]	[illegible]
GE 3000	11.2	62.5	67.2	70.5	74.7	76.6	79.0	81.6	82.4	83.[illegible]	83.8	83.[illegible]	83.1	83.[illegible]	[illegible]	[illegible]
GE 2500	11.2	63.2	68.6	71.5	75.[illegible]	77.4	79.9	82.5	83.[illegible]	84.5	84.8	84.7	84.4	[illegible]	[illegible]	[illegible]
GE 2000	11.4	64.5	69.4	72.7	75.[illegible]	78.6	81.3	84.6	84.7	85.4	86.1	86.[illegible]	86.[illegible]	86.[illegible]	[illegible]	[illegible]
GE 1500	11.5	65.5	70.3	73.6	79.[illegible]	79.9	82.5	85.[illegible]	85.9	86.7	87.7	87.9	87.[illegible]	87.7	[illegible]	[illegible]
GE 1000	11.5	65.9	71.0	74.4	77.[illegible]	81.[illegible]	83.5	86.[illegible]	87.[illegible]	88.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	[illegible]	[illegible]
GE 500	11.5	66.6	71.1	74.5	79.[illegible]	81.6	84.5	87.6	88.4	89.[illegible]	90.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	11.5	66.3	71.5	74.9	80.[illegible]	82.3	85.8	88.6	89.4	90.[illegible]	91.1	91.[illegible]	91.[illegible]	91.[illegible]	[illegible]	[illegible]
GE 300	11.5	66.3	71.5	75.1	81.[illegible]	[illegible]	85.9	[illegible]	89.9	91.[illegible]	91.4	91.7	91.[illegible]	[illegible]	[illegible]	[illegible]
GE 200	11.5	66.5	71.[illegible]	75.4	80.5	83.1	86.7	91.[illegible]	91.[illegible]	91.9	92.7	[illegible]	93.1	93.1	[illegible]	[illegible]
GE 150	11.5	66.5	71.[illegible]	75.4	[illegible]	83.3	87.[illegible]	91.[illegible]	91.9	92.4	93.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	11.5	66.5	71.[illegible]	75.4	80.[illegible]	83.5	87.4	91.[illegible]	91.9	92.[illegible]	[illegible]	[illegible]	94.[illegible]	94.[illegible]	[illegible]	[illegible]
GE 50	11.5	66.6	71.[illegible]	75.4	81.[illegible]	84.1	88.1	92.4	93.2	94.4	95.4	95.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 40	11.5	66.6	71.[illegible]	75.4	81.[illegible]	84.7	89.2	93.4	94.1	[illegible]	95.5	97.[illegible]	97.[illegible]	97.[illegible]	[illegible]	[illegible]
GE 30	11.5	66.6	71.[illegible]	75.4	81.[illegible]	84.7	89.4	93.6	94.5	96.[illegible]	97.2	97.6	97.[illegible]	97.[illegible]	[illegible]	[illegible]
GE 20	11.5	66.6	71.[illegible]	75.4	81.[illegible]	84.7	89.4	94.[illegible]	95.1	96.7	97.8	[illegible]	98.4	[illegible]	[illegible]	[illegible]
GE 10	11.5	66.6	71.[illegible]	75.4	81.[illegible]	84.7	89.4	94.[illegible]	95.1	96.[illegible]	97.[illegible]	[illegible]	98.1	98.[illegible]	[illegible]	[illegible]
GE 0	11.5	66.6	71.[illegible]	75.4	81.[illegible]	84.7	89.4	94.[illegible]	95.1	96.[illegible]	98.[illegible]	98.1	99.7	99.[illegible]	99.1	99.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] CLIMATOLOGY BRANCH

AFGWC

[illegible] SERVICE/MAC

[illegible] FREQUENCY OF OCCURRENCE OF CEILING [illegible] VISIBILITY
FROM HOURLY OBSERVATION

[illegible]

[illegible]

NAVAL CLIMATOLOGY BRANCH
FILE
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726155 STATION NAME: WUTTMIN AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1-2 INCL

CEILING	VISIBILITY IN STATUTE MILES															
	10	7	5	4	3	2	1	1 1/2	1 1/4	1	7/8	5/8	1/2	3/16	1/4	0
[illegible]	[illegible]	91.5	87.7	89.[illegible]	89.[illegible]	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
[illegible]	[illegible]	89.7	91.[illegible]	92.[illegible]	92.[illegible]	[illegible]	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
15000	[illegible]	90.[illegible]	91.6	91.9	91.[illegible]	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
10	[illegible]	90.[illegible]	91.8	92.[illegible]	92.[illegible]	92.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	[illegible]
19	[illegible]	93.5	91.[illegible]	93.[illegible]	93.[illegible]	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
1	[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	97.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
[illegible]	11.[illegible]	55.[illegible]	57.[illegible]	59.4	61.[illegible]	70.[illegible]	60.9	60.9	60.9	60.9	60.9	[illegible]	60.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	11.1	56.[illegible]	59.[illegible]	59.7	61.[illegible]	71.1	61.[illegible]	61.2	61.2	61.[illegible]	61.2	61.[illegible]	61.2	61.[illegible]	61.[illegible]	61.[illegible]
[illegible]	11.[illegible]	60.5	67.7	69.6	65.[illegible]	75.[illegible]	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
[illegible]	11.9	63.[illegible]	69.7	77.[illegible]	66.7	79.8	68.9	68.9	68.9	68.9	68.9	68.[illegible]	68.[illegible]	68.[illegible]	68.[illegible]	68.[illegible]
[illegible]	11.9	63.7	65.9	75.5	69.[illegible]	7.[illegible]	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
[illegible]	11.7	74.9	66.7	95.[illegible]	71.1	91.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
[illegible]	[illegible]	65.1	67.7	70.[illegible]	72.[illegible]	76.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
[illegible]	17.9	69.5	71.[illegible]	74.[illegible]	77.[illegible]	77.6	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
[illegible]	[illegible]	71.1	79.[illegible]	77.[illegible]	81.7	8.9	80.9	80.9	80.9	80.9	81.[illegible]	81.[illegible]	81.[illegible]	81.[illegible]	81.[illegible]	81.[illegible]
[illegible]	17.9	75.8	78.[illegible]	8.[illegible]	85.[illegible]	86.1	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
[illegible]	17.7	77.7	80.[illegible]	86.[illegible]	88.[illegible]	88.8	88.7	88.7	88.7	88.7	88.8	88.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]
[illegible]	17.8	77.[illegible]	81.1	87.7	91.1	91.3	91.7	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
10	17.[illegible]	81.[illegible]	84.[illegible]	8[illegible]	91.[illegible]	93.7	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.[illegible]	93.[illegible]	93.[illegible]
1	17.[illegible]	81.7	87.9	9[illegible].1	94.7	94.5	95.1	95.[illegible]	95.[illegible]	95.[illegible]	95.7	95.7	95.8	95.8	95.7	95.8
[illegible]	19.7	82.5	8[illegible]	91.9	95.[illegible]	[illegible]	96.[illegible]	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
[illegible]	19.[illegible]	[illegible]	90.[illegible]	9[illegible]	96.[illegible]	[illegible]	97.1	97.[illegible]	97.9	97.9	97.5	97.5	97.5	97.5	97.5	97.5
[illegible]	19.[illegible]	85.9	88.7	9[illegible].9	96.[illegible]	98.[illegible]	97.9	97.9	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
[illegible]	19.[illegible]	[illegible]	9[illegible]	9[illegible].5	98.7	8.9	97.[illegible]	97.6	98.[illegible]	98.[illegible]	98.5	98.7	98.7	98.5	98.7	98.7
[illegible]	19.[illegible]	7[illegible]	9[illegible]	9[illegible].6	98.[illegible]	97.1	97.8	98.9	98.7	98.7	99.4	98.9	99.4	99.8	98.8	98.9
[illegible]	19.8	89.[illegible]	8[illegible].7	9[illegible].7	97.1	97.5	99.1	99.7	99.[illegible]	99.[illegible]	99.5	99.[illegible]	99.5	99.[illegible]	99.[illegible]	99.5
[illegible]	19.[illegible]	[illegible]	9[illegible]	9[illegible].[illegible]	97.[illegible]	97.6	98.9	99.1	9[illegible].5	99.[illegible]	99.8	99.8	99.8	99.8	99.8	99.8
[illegible]	19.[illegible]	9[illegible].[illegible]	8[illegible].9	9[illegible].9	97.7	97.6	98.5	99.9	99.7	99.7	100.[illegible]	100.[illegible]	100.[illegible]	100.[illegible]	100.[illegible]	100.00
[illegible]	19.[illegible]	[illegible]	9[illegible]	9[illegible].4	97.7	7.6	98.[illegible]	99.9	99.7	99.7	100.[illegible]	100.[illegible]	100.[illegible]	100.[illegible]	100.[illegible]	100.00
[illegible]	19.[illegible]	[illegible]	9[illegible]	9[illegible].5	97.7	7.6	98.5	99.9	99.7	99.7	100.[illegible]	100.[illegible]	100.[illegible]	100.[illegible]	100.[illegible]	100.00
[illegible]	19.[illegible]	9[illegible].[illegible]	9[illegible]	9[illegible].[illegible]	97.7	97.6	98.[illegible]	99.9	99.7	99.7	100.[illegible]	100.[illegible]	100.[illegible]	100.[illegible]	100.[illegible]	100.00

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-8[illegible]
MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	5.6	44.1	45.9	47.6	48.[illegible]	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	10.2	51.7	54.0	56.6	57.[illegible]	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 18000	10.4	52.3	54.5	56.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	10.4	52.3	54.5	56.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	10.9	53.3	55.6	57.6	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 12000	11.[illegible]	55.3	57.4	60.9	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 10000	11.6	58.0	61.7	64.4	66.[illegible]	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 9000	11.7	58.7	62.[illegible]	65.[illegible]	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 8000	11.7	61.[illegible]	65.[illegible]	69.0	71.[illegible]	71.3	71.[illegible]	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	11.7	62.9	67.[illegible]	70.[illegible]	72.7	72.8	72.[illegible]	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 6000	11.7	63.7	68.[illegible]	71.4	74.[illegible]	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	11.7	65.1	69.[illegible]	73.4	76.[illegible]	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4500	11.7	66.1	71.[illegible]	74.[illegible]	77.[illegible]	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4000	12.5	70.6	76.1	8[illegible].3	8[illegible]	[illegible].3	83.[illegible]	83.3	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7
GE 3500	13.5	7[illegible].5	7[illegible].1	[illegible]	85.[illegible]	85.6	85.7	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	13.5	7[illegible].7	[illegible]	87.7	91.[illegible]	91.1	91.3	91.5	91.8	91.9	92.0	92.0	92.0	92.0	92.2	92.2
GE 2500	13.7	78.[illegible]	8[illegible].5	89.4	9[illegible]	92.9	93.1	93.3	93.7	93.8	93.9	93.9	93.9	93.9	94.0	94.0
GE 2000	13.7	7[illegible].5	8[illegible].1	9[illegible].1	93.[illegible]	[illegible].7	93.9	94.1	94.5	94.6	94.7	94.7	94.7	94.7	94.8	94.8
GE 1800	13.7	79.[illegible]	8[illegible]	9[illegible]	93.7	[illegible].6	94.0	94.2	94.6	94.7	94.8	94.8	94.8	94.8	94.9	94.9
GE 1500	13.7	79.5	8[illegible]	[illegible]	94.7	[illegible].8	95.[illegible]	95.4	95.8	95.9	96.0	96.0	96.0	96.0	96.1	96.1
GE 1200	13.7	79.8	8[illegible]	91.4	9[illegible]	[illegible].6	95.9	96.1	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9
GE 1000	13.7	8[illegible].1	8[illegible]	91.7	9[illegible]	[illegible].1	96.5	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.4
GE 900	13.7	80.1	8[illegible]	9[illegible]	96.7	[illegible]	96.9	97.1	97.5	97.6	97.7	97.7	97.7	97.7	97.8	97.8
GE 800	13.7	8[illegible].1	8[illegible]	9[illegible]	9[illegible]	[illegible].6	97.1	97.3	97.7	97.[illegible]	98.0	98.0	98.1	98.1	98.[illegible]	98.[illegible]
GE 700	13.7	[illegible].1	[illegible]	[illegible]	[illegible]	[illegible]	97.1	97.4	97.[illegible]	98.[illegible]	98.1	98.1	98.[illegible]	98.[illegible]	98.3	98.3
GE 600	13.7	80.1	[illegible]	92.3	96.7	[illegible]	97.6	98.1	98.5	98.6	98.7	98.7	98.8	98.8	98.9	98.9
GE 500	13.7	[illegible].1	[illegible]	[illegible]	[illegible]	97.0	97.7	9[illegible]	[illegible]	99.0	99.2	99.2	99.4	99.4	99.5	99.5
GE 400	13.7	8[illegible].1	8[illegible]	[illegible]	97.1	[illegible].3	98.1	9[illegible]	99.[illegible]	99.6	99.8	99.8	99.9	99.9	100.0	100.0
GE 300	13.7	80.1	8[illegible]	9[illegible]	97.1	77.3	98.1	99.0	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0
GE 200	13.7	80.1	8[illegible]	[illegible]	[illegible].1	7.3	98.1	99.[illegible]	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	13.7	8[illegible].1	8[illegible]	[illegible]	[illegible].1	7.3	98.1	[illegible]	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0
GE 0	13.7	8[illegible].1	[illegible]	[illegible]	97.1	97.3	98.1	9[illegible]	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1600-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	10.0	50.3	51.9	54.0	54.8	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 20000	11.1	57.5	59.5	61.8	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 18000	11.1	58.1	60.0	62.4	63.5	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 16000	11.1	58.1	60.0	62.4	63.5	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	11.3	59.0	61.0	63.5	65.1	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 12000	11.5	59.8	61.6	64.6	66.2	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 10000	11.9	63.1	65.4	68.4	70.1	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000	11.9	63.5	65.8	68.8	70.5	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	12.0	67.4	70.2	73.9	75.6	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 7000	12.2	68.3	71.4	75.2	77.2	77.5	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 6000	12.4	69.2	72.6	76.7	78.8	79.1	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 5000	12.5	70.3	73.9	78.1	80.4	80.8	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4500	12.5	71.5	75.4	79.7	82.2	82.5	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	12.9	74.2	78.8	83.8	86.5	86.8	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3500	12.9	75.3	79.9	85.3	89.0	89.7	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	13.1	76.7	81.3	87.0	90.4	90.9	91.4	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
GE 2500	13.1	77.7	82.5	88.4	91.9	92.3	92.8	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
GE 2000	13.1	78.5	83.2	89.4	92.9	93.3	94.0	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 1800	13.1	78.6	83.5	89.7	93.2	93.7	94.3	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
GE 1500	13.1	79.1	84.2	90.4	94.0	94.4	95.2	95.6	95.6	95.6	95.6	95.6	95.7	95.8	95.8	95.8
GE 1000	13.1	79.1	84.2	90.6	94.2	94.6	95.5	96.0	96.0	96.0	96.0	96.0	96.1	96.2	96.2	96.2
GE 900	13.1	79.4	84.5	91.3	94.9	95.3	96.1	96.7	96.7	96.7	96.7	96.7	96.8	96.9	96.9	96.9
GE 800	13.1	79.5	84.6	91.6	95.2	95.7	96.6	97.1	97.1	97.1	97.1	97.1	97.2	97.3	97.3	97.3
GE 700	13.1	79.6	84.8	91.8	95.6	96.9	96.8	97.3	97.4	97.4	97.4	97.4	97.5	97.6	97.6	97.6
GE 600	13.1	79.6	84.9	91.9	95.7	96.1	97.1	97.6	97.7	97.7	97.7	97.7	97.8	98.0	98.0	98.0
GE 500	13.1	79.6	85.2	92.2	95.9	96.3	97.3	98.2	98.3	98.3	98.3	98.3	98.4	98.5	98.5	98.5
GE 450	13.1	79.6	85.2	92.2	96.0	96.5	97.4	98.3	98.4	98.4	98.5	98.6	98.7	98.8	98.8	98.8
GE 400	13.1	79.6	85.2	92.4	96.5	96.9	97.8	98.7	98.8	98.9	99.0	99.1	99.2	99.4	99.4	99.4
GE 300	13.1	79.6	85.2	92.4	96.5	96.9	97.8	98.8	99.0	99.1	99.2	99.4	99.5	99.6	99.6	99.6
GE 200	13.1	79.6	85.2	92.4	96.5	96.9	97.8	98.8	99.0	99.2	99.4	99.5	99.6	99.7	99.8	99.8
GE 100	13.1	79.6	85.2	92.4	96.5	96.9	97.8	98.8	99.0	99.2	99.4	99.5	99.6	99.7	99.8	99.8
GE 0	13.1	79.6	85.2	92.4	96.5	96.9	97.8	98.8	99.0	99.2	99.4	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/16	GE 1/4	GE 0
NO CEIL	9.9	55.6	58.2	59.2	60.9	61.1	61.5	61.5	61.7	61.7	61.7	61.7	62.0	62.0	62.4	62.5
GE 20000	10.4	59.7	62.0	63.1	64.6	64.9	65.6	65.6	65.8	65.8	65.8	65.8	66.1	66.1	66.5	66.6
GE 18000	10.4	59.9	62.3	63.3	64.8	65.2	65.8	65.8	66.0	66.0	66.0	66.0	66.3	66.3	66.7	66.8
GE 16000	10.4	59.9	62.3	63.3	64.8	65.2	65.8	65.8	66.0	66.0	66.0	66.0	66.3	66.3	66.7	66.8
GE 14000	10.4	60.3	62.6	64.2	66.1	66.6	67.2	67.2	67.4	67.4	67.4	67.4	67.7	67.7	68.1	68.2
GE 12000	10.6	61.0	63.4	64.9	67.0	67.4	68.1	68.1	68.3	68.3	68.3	68.3	68.7	68.7	69.0	69.1
GE 10000	10.9	62.9	65.7	67.2	69.2	69.7	70.3	70.3	70.5	70.5	70.5	70.5	71.0	71.0	71.3	71.4
GE 9000	10.9	63.4	66.3	68.0	70.0	70.4	71.1	71.1	71.3	71.3	71.3	71.3	71.7	71.7	72.0	72.2
GE 8000	11.0	65.2	68.5	70.1	72.2	72.6	73.2	73.2	73.4	73.4	73.4	73.4	73.9	73.9	74.2	74.3
GE 7000	11.0	66.3	70.0	71.7	73.9	74.2	74.8	74.8	75.1	75.1	75.1	75.1	75.5	75.5	75.8	75.9
GE 6000	11.2	67.8	72.2	73.9	75.9	76.3	77.0	77.0	77.2	77.2	77.2	77.2	77.6	77.6	78.0	78.1
GE 5000	11.2	69.1	73.7	75.7	78.1	78.5	79.1	79.1	79.4	79.4	79.4	79.4	79.8	79.8	80.1	80.2
GE 4500	11.2	69.9	74.4	76.6	79.4	79.9	80.8	80.8	81.0	81.0	81.0	81.0	81.4	81.4	81.7	81.8
GE 4000	11.6	73.8	78.9	81.8	85.9	86.6	87.6	87.6	87.8	87.8	87.8	87.8	88.3	88.3	88.6	88.7
GE 3500	12.0	74.4	79.6	82.8	87.3	88.0	89.1	89.2	89.5	89.5	89.5	89.5	89.9	89.9	90.2	90.3
GE 3000	12.5	76.3	81.7	85.1	89.7	90.4	91.7	92.0	92.3	92.3	92.3	92.3	92.7	92.7	93.0	93.1
GE 2500	12.5	76.7	82.6	86.1	90.9	91.5	93.0	93.3	93.5	93.5	93.5	93.5	94.0	94.0	94.3	94.4
GE 2000	12.6	77.1	83.0	86.8	91.5	92.3	93.8	94.1	94.3	94.3	94.3	94.3	94.7	94.7	95.1	95.2
GE 1800	12.6	77.2	83.1	86.9	91.6	92.4	93.9	94.2	94.4	94.4	94.4	94.4	94.8	94.8	95.2	95.3
GE 1500	12.6	77.5	83.7	87.6	92.5	93.2	94.9	95.4	95.6	95.6	95.6	95.6	96.0	96.0	96.3	96.5
GE 1200	12.6	77.6	83.9	87.8	93.0	93.8	95.5	95.9	96.1	96.1	96.1	96.1	96.6	96.6	96.9	97.0
GE 1000	12.6	77.6	84.2	88.6	93.7	94.5	96.2	96.7	96.9	96.9	96.9	96.9	97.3	97.3	97.6	97.7
GE 900	12.6	77.7	84.4	88.8	94.0	94.7	96.5	96.9	97.1	97.1	97.1	97.1	97.5	97.5	97.8	98.0
GE 800	12.6	77.8	84.5	88.9	94.1	94.8	96.6	97.0	97.2	97.2	97.2	97.2	97.6	97.6	98.0	98.1
GE 700	12.6	77.8	84.5	88.9	94.1	94.8	96.8	97.0	97.2	97.2	97.2	97.2	97.6	97.6	98.0	98.1
GE 600	12.6	77.8	84.5	88.9	94.1	94.8	96.8	97.3	97.5	97.5	97.5	97.5	98.0	98.0	98.3	98.4
GE 500	12.6	77.8	84.5	88.9	94.1	94.8	96.8	97.3	97.7	97.8	97.8	97.8	98.3	98.3	98.6	98.7
GE 400	12.6	77.8	84.5	88.9	94.2	94.9	97.1	97.6	98.1	98.3	98.3	98.3	98.7	98.7	99.0	99.1
GE 300	12.6	77.8	84.5	88.9	94.2	94.9	97.1	97.6	98.1	98.3	98.3	98.3	98.7	98.7	99.0	99.1
GE 200	12.6	77.8	84.5	88.9	94.2	94.9	97.2	97.7	98.2	98.4	98.4	98.4	98.8	98.8	99.1	99.6
GE 100	12.6	77.8	84.5	88.9	94.2	94.9	97.2	97.7	98.2	98.4	98.4	98.4	98.8	98.8	99.1	99.7
GE 0	12.6	77.8	84.5	88.9	94.2	94.9	97.3	97.7	98.2	98.4	98.4	98.4	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
CLARE/MC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WORTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

CEILING FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.4	48.3	50.3	51.7	53.0	53.5	53.8	54.0	54.1	54.3	54.4	54.4	54.6	54.6	54.7	54.8
20000	52.3	53.6	56.2	57.8	59.7	59.9	60.3	60.4	60.6	60.8	61.0	61.0	61.2	61.2	61.3	61.3
15000	52.3	54.1	56.5	58.1	59.6	60.2	60.6	60.8	61.0	61.1	61.3	61.3	61.5	61.5	61.6	61.7
10000	52.3	54.1	56.5	58.1	59.6	60.2	60.6	60.8	61.0	61.2	61.3	61.4	61.5	61.6	61.6	61.7
9000	52.4	54.7	57.2	58.9	60.5	61.1	61.5	61.7	61.9	62.1	62.3	62.3	62.5	62.5	62.6	62.6
8000	52.7	56.2	58.9	60.7	62.4	63.0	63.4	63.6	63.8	64.0	64.2	64.2	64.4	64.4	64.5	64.6
7000	52.9	58.5	61.5	63.5	65.4	66.1	66.7	66.9	67.1	67.3	67.5	67.5	67.7	67.7	67.8	67.8
6000	53.0	59.0	62.1	64.1	66.[illegible]	66.8	67.3	67.6	67.7	67.9	68.1	68.1	68.3	68.3	68.4	66.5
5000	53.1	61.5	64.[illegible]	67.2	69.7	70.1	70.6	71.0	71.2	71.3	71.5	71.6	71.7	71.8	71.8	71.9
4000	53.2	62.7	66.3	68.8	71.3	71.8	72.4	72.8	73.0	73.1	73.3	73.4	73.5	73.6	73.6	73.7
3000	53.2	63.6	67.5	70.0	72.4	73.1	73.7	74.1	74.3	74.5	74.7	74.7	74.9	74.9	75.0	75.1
2500	53.3	64.7	68.7	71.5	74.[illegible]	74.8	75.4	75.8	76.0	76.2	76.4	76.5	76.6	76.7	76.7	76.8
2000	53.5	65.4	69.6	72.5	75.1	75.9	76.6	77.1	77.3	77.5	77.7	77.7	77.9	77.9	78.0	78.1
1500	53.8	68.6	73.[illegible]	76.4	79.[illegible]	80.3	81.2	81.7	82.0	82.2	82.4	82.5	82.6	82.7	82.8	82.8
1000	53.1	69.7	74.8	78.[illegible]	81.4	82.3	83.3	83.9	84.2	84.4	84.7	84.7	84.9	84.9	85.0	85.1
900	53.[illegible]	72.2	77.[illegible]	81.[illegible]	84.7	85.7	86.8	87.5	87.9	88.1	88.3	88.4	88.6	88.6	88.7	88.8
800	53.7	73.1	78.[illegible]	82.2	86.[illegible]	87.0	88.2	89.0	89.3	89.5	89.8	89.8	90.0	90.1	90.1	90.2
700	53.7	74.1	79.4	83.4	87.4	88.3	89.6	90.4	90.7	90.9	91.2	91.3	91.4	91.5	91.6	91.7
600	53.7	74.5	79.9	83.9	87.[illegible]	88.8	90.1	90.9	91.2	91.4	91.7	91.7	91.9	92.0	92.1	92.2
500	53.7	75.[illegible]	80.7	84.9	89.1	90.1	91.4	92.3	92.7	92.9	93.2	93.2	93.4	93.5	93.6	93.7
400	53.7	75.6	81.2	85.4	87.9	90.9	92.3	93.2	93.6	93.8	94.1	94.2	94.3	94.4	94.5	94.6
300	53.7	75.[illegible]	81.7	86.1	90.7	91.7	93.2	94.2	94.5	94.8	95.0	95.1	95.3	95.3	95.4	95.5
200	53.7	76.[illegible]	81.[illegible]	86.4	91.1	92.1	93.7	94.7	95.1	95.3	95.6	95.6	95.8	95.9	96.0	96.1
100	53.7	76.[illegible]	82.1	86.7	91.[illegible]	92.5	94.[illegible]	95.3	95.7	95.9	96.2	96.2	96.4	96.5	96.6	96.7
50	53.7	76.[illegible]	82.[illegible]	86.[illegible]	91.7	92.8	94.5	95.6	96.0	96.3	96.6	96.6	96.8	96.9	97.0	97.1
0	53.7	76.[illegible]	82.4	87.[illegible]	91.9	93.0	94.9	96.1	96.6	96.9	97.1	97.2	97.4	97.4	97.5	97.6
NO CEIL	53.7	76.[illegible]	82.[illegible]	87.[illegible]	92.[illegible]	93.4	95.3	96.6	97.1	97.5	97.8	97.8	98.1	98.1	98.2	98.3
20000	53.7	76.4	82.[illegible]	87.4	92.[illegible]	93.6	95.8	97.2	97.8	98.2	98.6	98.7	98.9	99.0	99.0	99.1
15000	53.7	76.4	82.[illegible]	87.4	92.[illegible]	93.6	95.8	97.3	98.0	98.4	98.8	98.9	99.1	99.2	99.3	99.4
10000	53.7	76.4	82.[illegible]	87.4	92.[illegible]	93.6	95.8	97.4	98.0	98.5	98.9	99.0	99.3	99.4	99.5	99.7
9000	53.7	76.4	82.[illegible]	87.4	92.[illegible]	93.8	95.8	97.4	98.0	98.5	98.9	99.0	99.3	99.4	99.6	99.9
8000	53.7	76.4	82.[illegible]	87.4	92.[illegible]	93.8	95.8	97.4	98.0	98.5	98.9	99.0	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	7.2	49.0	50.9	52.7	54.0	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.7	54.7	54.7	54.7
GE 20000	7.3	51.0	53.1	54.9	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.9	56.9	56.9	56.9
GE 18000	7.3	51.0	53.1	54.9	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.9	56.9	56.9	56.9
GE 16000	7.3	51.0	53.1	54.9	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.9	56.9	56.9	56.9
GE 14000	7.3	51.4	53.6	55.3	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	57.3	57.3	57.3	57.3
GE 12000	7.3	51.6	53.7	55.4	56.3	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.4	57.4	57.4	57.4
GE 10000	7.6	54.6	57.2	59.1	60.1	60.6	60.7	60.8	60.8	60.8	60.8	60.8	61.2	61.2	61.2	61.2
GE 9000	7.7	54.8	57.4	59.3	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.4	61.4	61.4	61.4
GE 8000	7.8	57.9	61.2	63.1	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	65.3	65.3	65.3	65.3
GE 7000	8.2	60.8	64.1	66.0	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	68.2	68.2	68.2	68.2
GE 6000	8.2	61.7	65.0	66.9	68.4	68.4	68.6	68.7	68.7	68.7	68.7	68.7	69.1	69.1	69.1	69.1
GE 5000	8.2	62.8	66.2	68.4	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.7	70.7	70.7	70.7
GE 4500	8.7	64.1	67.7	70.3	72.0	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.8	72.8	72.8	72.8
GE 4000	9.1	67.6	71.0	74.2	76.2	76.2	76.6	76.7	76.7	76.7	76.7	76.7	77.1	77.1	77.1	77.1
GE 3500	9.4	69.8	73.7	76.4	78.4	78.4	79.1	79.2	79.2	79.2	79.2	79.2	79.7	79.7	79.7	79.7
GE 3000	9.6	72.2	76.1	78.9	80.9	80.9	81.6	81.7	81.7	81.7	81.7	81.7	82.1	82.1	82.1	82.1
GE 2500	9.8	73.2	77.2	80.2	82.4	82.4	83.1	83.2	83.2	83.2	83.2	83.2	83.7	83.7	83.7	83.7
GE 2000	9.8	74.1	78.1	81.1	83.4	83.4	84.1	84.2	84.2	84.2	84.2	84.2	84.7	84.7	84.7	84.7
GE 1800	9.8	74.8	78.8	81.8	84.1	84.1	84.8	84.9	84.9	84.9	84.9	84.9	85.3	85.3	85.3	85.3
GE 1500	10.3	76.2	80.6	83.6	86.3	86.4	87.1	87.4	87.4	87.6	87.6	87.6	88.0	88.0	88.0	88.0
GE 1200	10.3	76.6	80.9	84.1	86.7	87.0	88.0	88.3	88.3	88.4	88.4	88.4	88.9	88.9	88.9	88.9
GE 1000	10.4	76.9	81.6	84.8	87.6	88.0	89.2	89.8	89.8	89.9	89.9	89.9	90.3	90.3	90.3	90.3
GE 900	10.4	77.4	82.3	85.6	88.3	88.8	90.0	90.6	90.6	90.7	90.7	90.7	91.1	91.1	91.1	91.1
GE 800	10.4	77.9	83.2	86.7	90.0	90.4	91.7	92.2	92.2	92.3	92.3	92.3	92.8	92.8	92.8	92.8
GE 700	10.4	78.1	83.4	87.2	90.6	91.2	92.4	93.0	93.0	93.1	93.1	93.1	93.6	93.6	93.6	93.6
GE 600	10.4	78.1	83.6	87.4	91.2	92.2	93.6	94.1	94.1	94.2	94.2	94.2	94.7	94.7	94.7	94.7
GE 500	10.4	78.2	83.8	88.0	92.3	93.3	95.0	95.6	95.6	95.7	95.7	95.7	96.1	96.1	96.1	96.1
GE 400	10.4	78.2	83.8	88.0	92.4	93.4	95.4	96.1	96.1	96.2	96.3	96.3	96.8	96.8	96.8	96.8
GE 300	10.4	78.3	83.9	88.6	93.3	94.2	96.6	97.4	97.4	97.6	97.7	97.7	98.1	98.1	98.1	98.1
GE 200	10.4	78.3	83.9	88.6	93.3	94.3	96.7	97.7	97.7	97.8	97.9	97.9	98.6	98.6	98.6	98.7
GE 100	10.4	78.3	83.9	88.6	93.3	94.3	96.7	97.7	97.7	97.8	97.9	97.9	98.8	98.8	99.0	99.6
GE 0	10.4	78.3	83.9	88.6	93.3	94.3	96.7	97.7	97.7	97.8	97.9	97.9	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WUNTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(EST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
0.0 CEIL	6.8	45.6	48.3	50.2	51.8	51.9	52.2	52.3	52.4	52.6	52.8	52.8	53.2	53.3	53.3	53.4
GE 20000	6.9	48.0	50.7	52.6	53.9	54.2	54.6	54.7	54.8	55.1	55.1	55.1	55.6	55.7	55.7	55.8
GE 18000	6.9	48.0	50.7	52.6	53.9	54.2	54.6	54.7	54.8	55.1	55.1	55.1	55.6	55.7	55.7	55.8
GE 16000	6.9	48.0	50.7	52.6	53.9	54.2	54.6	54.7	54.8	55.1	55.1	55.1	55.6	55.7	55.7	55.8
GE 14000	6.9	48.2	51.2	53.1	54.4	54.6	55.1	55.2	55.3	55.7	55.7	55.7	56.1	56.2	56.2	56.3
GE 12000	6.9	48.4	51.4	53.3	54.7	55.0	55.3	55.4	55.6	55.9	55.9	55.9	56.3	56.4	56.4	56.6
GE 10000	7.1	51.3	54.4	56.7	58.0	58.3	58.7	58.8	59.0	59.3	59.3	59.3	59.8	59.9	59.9	60.0
GE 9000	7.2	51.9	55.0	57.2	58.6	58.9	59.2	59.3	59.6	59.9	59.9	59.9	60.3	60.4	60.4	60.6
GE 8000	7.9	54.0	57.1	59.3	60.8	61.1	61.4	61.6	61.8	62.1	62.1	62.1	62.6	62.7	62.7	62.8
GE 7000	8.1	55.6	58.7	60.9	62.3	62.7	63.0	63.1	63.3	63.7	63.7	63.7	64.1	64.2	64.2	64.3
GE 6000	8.1	56.2	59.3	61.6	63.0	63.3	63.7	63.8	64.0	64.3	64.3	64.3	64.8	64.9	64.9	65.0
GE 5000	8.3	58.0	61.9	64.6	66.2	66.3	66.7	66.8	67.0	67.3	67.3	67.3	67.8	67.9	67.9	68.0
GE 4500	8.6	60.4	64.0	67.0	68.4	68.9	69.2	69.4	69.7	70.0	70.0	70.0	70.4	70.6	70.6	70.7
GE 4000	8.7	64.0	68.0	71.2	73.0	73.4	73.9	74.1	74.3	74.6	74.8	74.8	75.2	75.3	75.3	75.4
GE 3500	8.9	65.4	69.8	73.0	74.9	75.3	75.8	76.0	76.2	76.7	76.7	76.7	77.1	77.2	77.2	77.3
GE 3000	9.1	66.3	71.0	74.3	76.2	76.7	77.2	77.4	77.7	78.1	78.1	78.1	78.6	78.7	78.7	78.8
GE 2500	9.2	67.9	72.5	76.1	78.0	78.6	79.4	79.7	79.9	80.3	80.3	80.3	80.8	80.9	80.9	81.0
GE 2000	9.4	69.8	74.8	78.4	80.7	81.3	82.1	82.4	82.7	83.1	83.1	83.1	83.6	83.7	83.7	83.8
GE 1500	9.7	70.6	75.6	79.2	81.4	82.1	82.9	83.2	83.4	83.9	83.9	83.9	84.3	84.4	84.4	84.6
GE 1000	10.6	72.8	78.2	82.1	84.6	85.2	86.0	86.3	86.6	87.0	87.0	87.0	87.4	87.6	87.6	87.7
GE 900	10.7	73.3	78.8	82.8	85.2	86.1	87.2	87.6	87.8	88.2	88.2	88.2	88.7	88.8	88.8	88.9
GE 800	10.7	73.9	79.3	83.0	86.5	87.4	88.6	88.9	89.1	89.6	89.6	89.6	90.0	90.1	90.1	90.2
GE 900	10.7	74.2	80.0	84.2	87.3	88.3	89.4	89.8	90.0	90.4	90.4	90.4	90.9	91.0	91.0	91.1
GE 600	10.7	74.6	80.8	84.8	88.0	89.1	90.3	90.7	91.0	91.4	91.4	91.4	91.9	92.0	92.0	92.1
GE 700	10.7	74.8	80.8	85.0	88.6	89.7	91.0	91.3	91.7	92.1	92.1	92.1	92.6	92.7	92.7	92.8
GE 600	10.7	75.0	81.0	85.7	89.4	90.6	92.2	92.9	93.2	93.7	93.7	93.7	94.1	94.2	94.2	94.3
GE 500	10.7	75.2	81.4	86.2	90.1	91.2	93.2	93.9	94.2	94.7	94.7	94.7	95.1	95.2	95.2	95.3
GE 400	10.7	75.6	81.4	86.6	90.4	91.6	93.9	94.6	94.9	95.3	95.3	95.3	96.0	96.1	96.1	96.2
GE 300	10.7	75.6	81.4	86.6	90.8	91.6	94.1	94.9	95.2	95.9	95.9	95.9	96.6	96.7	96.7	96.8
GE 200	10.7	75.6	81.8	86.6	90.4	91.6	94.1	94.9	95.2	96.1	96.3	96.3	97.4	97.7	97.7	97.8
GE 100	10.7	75.6	81.8	86.6	90.4	91.6	94.1	95.0	95.3	96.2	96.7	96.7	98.2	98.4	98.4	98.9
GE 0	10.7	75.6	81.8	86.6	90.4	91.6	94.1	95.0	95.3	96.2	96.7	96.7	98.2	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	5.4	35.9	38.3	40.4	42.2	42.7	44.6	45.6	45.9	46.1	46.1	46.2	46.3	46.6	46.7	46.9
GE 20000	6.2	39.0	41.7	43.8	45.7	46.2	48.2	49.3	49.7	49.9	49.9	50.0	50.1	50.3	50.6	50.8
GE 18000	6.2	39.2	41.9	44.0	46.0	46.6	48.6	49.7	50.0	50.2	50.2	50.3	50.4	50.7	50.9	51.1
GE 16000	6.2	39.2	41.9	44.0	46.0	46.6	48.6	49.7	50.0	50.2	50.2	50.3	50.4	50.7	50.9	51.1
GE 14000	6.3	39.4	42.1	44.2	46.2	46.8	48.8	50.0	50.3	50.7	50.7	50.8	50.9	51.1	51.3	51.6
GE 12000	6.4	40.1	42.9	45.0	47.0	47.6	49.6	50.9	51.2	51.6	51.6	51.7	51.8	52.0	52.2	52.4
GE 10000	6.9	42.9	45.7	48.0	50.1	50.7	52.8	54.1	54.4	54.8	54.8	54.9	55.0	55.2	55.4	55.7
GE 9000	6.9	43.9	46.8	49.1	51.2	51.8	53.9	55.2	55.6	55.9	55.9	56.0	56.1	56.3	56.6	56.8
GE 8000	7.3	47.0	50.1	52.8	55.0	55.6	57.8	59.3	59.7	60.1	60.1	60.2	60.3	60.6	60.8	61.0
GE 7000	7.6	48.2	51.4	54.3	56.6	57.1	59.4	61.0	61.3	61.8	61.8	61.9	62.0	62.2	62.4	62.7
GE 6000	7.6	49.4	52.7	55.7	57.9	58.4	60.8	62.3	62.7	63.1	63.1	63.2	63.3	63.6	63.8	64.0
GE 5000	8.2	51.8	55.0	58.2	60.4	61.0	63.4	65.0	65.4	66.0	66.0	66.1	66.2	66.4	66.7	66.9
GE 4500	8.2	53.1	56.8	60.0	62.2	62.8	65.2	67.0	67.4	68.0	68.0	68.1	68.2	68.4	68.7	68.9
GE 4000	8.9	55.8	59.7	63.3	65.9	66.6	69.0	70.8	71.2	71.8	71.8	71.9	72.0	72.2	72.4	72.7
GE 3500	8.9	56.2	60.1	63.9	66.9	67.4	69.9	71.7	72.1	72.7	72.7	72.8	72.9	73.1	73.3	73.6
GE 3000	9.3	58.0	61.9	65.7	68.9	69.4	72.0	73.9	74.3	74.9	74.9	75.0	75.1	75.3	75.6	75.8
GE 2500	9.6	59.1	63.0	66.8	70.0	71.0	73.8	75.7	76.1	76.7	76.7	76.8	76.9	77.1	77.3	77.6
GE 2000	10.0	61.3	65.2	69.3	72.9	74.0	77.0	79.1	79.5	80.1	80.1	80.2	80.3	80.6	80.8	81.0
GE 1800	10.1	61.6	65.6	69.8	73.3	74.4	77.4	79.6	80.0	80.6	80.6	80.7	80.8	81.0	81.2	81.4
GE 1500	10.4	63.3	67.4	71.8	75.6	76.6	79.8	82.2	82.7	83.2	83.2	83.3	83.4	83.7	83.9	84.1
GE 1200	10.7	64.7	69.0	73.4	77.8	79.0	82.0	84.7	85.1	85.7	85.7	85.8	85.9	86.1	86.3	86.6
GE 1000	10.7	65.1	69.7	74.2	78.8	80.0	83.1	85.9	86.4	87.0	87.0	87.1	87.2	87.4	87.7	87.9
GE 900	10.7	65.4	70.4	75.3	79.6	81.2	84.9	87.7	88.2	88.8	88.8	88.9	89.0	89.2	89.4	89.7
GE 800	10.7	66.1	71.2	76.1	80.7	82.3	86.0	88.8	89.7	90.2	90.2	90.3	90.4	90.7	90.9	91.1
GE 700	10.7	66.3	71.4	76.3	81.5	83.2	87.1	89.9	90.9	91.4	91.4	91.6	91.7	91.9	92.1	92.3
GE 600	10.7	66.7	71.8	76.9	82.6	84.2	88.3	91.3	92.3	92.9	92.9	93.0	93.1	93.3	93.6	93.8
GE 500	10.7	66.8	71.9	77.2	83.2	85.1	89.8	93.0	94.0	94.7	94.7	94.8	94.9	95.1	95.3	95.6
GE 400	10.7	66.8	72.0	77.3	83.7	85.3	90.1	93.4	94.6	95.2	95.2	95.3	95.6	95.8	96.0	96.2
GE 300	10.7	66.8	72.1	77.4	83.8	85.4	90.2	93.6	94.9	95.9	96.3	96.4	96.9	97.1	97.3	97.6
GE 200	10.7	66.8	72.1	77.4	83.8	85.4	90.2	93.6	94.9	96.1	96.8	96.9	97.6	97.8	98.1	98.3
GE 100	10.7	66.8	72.1	77.4	83.8	85.4	90.2	93.6	94.9	96.1	96.8	96.9	97.6	97.8	99.2	99.1
GE 0	10.7	66.8	72.1	77.4	83.8	85.4	90.2	93.6	94.9	96.1	96.8	96.9	97.6	97.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	5.8	39.1	41.0	42.4	43.9	44.0	44.0	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 20000	6.2	42.6	44.4	45.9	47.4	47.7	47.9	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	46.3
GE 18000	6.2	43.0	44.9	46.3	47.9	46.1	48.3	49.6	48.8	48.6	48.8	48.8	48.8	48.8	48.8	48.8
GE 16000	6.2	43.0	44.9	46.3	47.9	48.1	48.3	48.6	48.8	48.8	48.8	48.8	48.8	48.6	48.8	46.8
GE 14000	6.2	43.1	45.0	46.4	48.0	48.2	48.4	48.7	48.9	48.9	48.9	48.9	48.9	46.9	48.9	46.9
GE 12000	6.4	44.4	46.3	47.8	49.4	49.7	49.9	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 10000	7.2	48.1	50.1	51.6	53.2	53.4	53.7	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 9000	7.2	48.9	51.0	52.6	54.2	54.4	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 8000	7.6	50.8	53.2	54.8	56.7	56.9	57.1	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 7000	7.6	51.8	54.3	55.9	57.3	58.0	58.2	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 6000	7.6	53.1	55.8	57.3	59.2	59.4	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 5000	7.8	54.2	57.1	58.4	60.7	60.9	61.1	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 4500	7.8	54.8	58.0	59.9	61.3	62.1	62.3	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 4000	7.9	57.0	60.4	62.4	64.6	64.9	65.1	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 3500	8.0	57.4	60.9	62.9	65.1	65.4	65.7	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 3000	9.0	61.2	65.0	67.8	70.2	70.9	71.1	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 2500	9.7	63.7	67.8	70.8	73.4	74.2	74.4	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 2000	10.7	65.8	69.9	72.9	75.7	76.4	76.7	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 1800	10.8	66.1	70.3	73.3	76.1	76.9	77.2	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	76.0
GE 1500	11.0	68.1	72.7	75.9	79.	79.8	80.2	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1200	11.0	68.9	73.7	77.3	80.9	81.6	82.2	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1000	11.0	70.1	75.4	79.6	83.4	84.9	85.7	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 900	11.0	71.0	76.7	81.3	85.6	87.3	88.4	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 800	11.2	72.0	77.9	82.9	87.7	89.6	91.1	92.1	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	11.2	72.2	78.1	83.4	88.3	90.3	91.9	93.0	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8
GE 600	11.2	72.3	78.3	83.8	89.0	91.1	92.7	94.3	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	11.2	72.4	78.6	84.2	89.7	91.8	93.7	95.7	96.0	96.2	96.4	96.4	96.6	96.6	96.6	96.6
GE 400	11.2	72.4	78.6	84.2	90.1	92.4	94.7	97.0	97.3	97.7	98.0	98.0	98.1	98.1	98.1	98.1
GE 300	11.2	72.4	78.6	84.2	90.2	92.6	94.8	97.3	97.9	98.3	98.7	98.7	99.1	99.1	99.1	99.2
GE 200	11.2	72.4	78.6	84.2	90.2	92.6	94.8	97.4	97.9	98.4	98.9	98.9	99.3	99.3	99.3	99.4
GE 100	11.2	72.4	78.6	84.2	90.2	92.6	94.8	97.4	97.9	98.4	98.9	98.9	99.4	99.8	99.8	99.9
GE 0	11.2	72.4	78.6	84.2	90.2	92.6	94.8	97.4	97.9	98.4	98.9	98.9	99.4	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP HOUR(LST): 1[illegible]-1[illegible]

CEILING IN FEET		VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 7/16	GE 3/8	GE
NO CEIL	I	5.4	40.3	42.4	43.4	43.[illegible]	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 20000	I	6.0	44.1	47.1	48.7	49.[illegible]	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.[illegible]	49.[illegible]
GE 18000	I	6.0	44.3	47.3	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.[illegible]
GE 16000	I	6.0	44.3	47.3	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.[illegible]
GE 14000	I	6.0	44.3	47.4	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.[illegible]
GE 12000	I	6.2	45.8	49.[illegible]	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 10000	I	6.7	48.8	52.1	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 9000	I	6.7	49.2	52.6	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 8000	I	7.1	51.4	55.1	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 7000	I	7.2	52.9	56.8	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 6000	I	7.2	54.3	58.3	60.2	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	[illegible]
GE 5000	I	7.2	55.4	59.4	61.4	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 4500	I	7.3	56.6	61.0	63.2	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 4000	I	7.3	58.6	63.0	65.4	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 3500	I	7.8	60.2	64.[illegible]	67.2	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 3000	I	9.3	67.2	72.0	74.8	76.	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 2500	I	9.9	70.6	75.0	77.9	79.1	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2000	I	10.3	73.4	79.4	81.3	82.7	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1500	I	10.7	73.6	76.6	82.0	83.7	84.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1000	I	10.8	75.1	8[illegible].6	84.0	85.[illegible]	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 500	I	10.8	75.9	81.8	86.1	88.6	89.0	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 400	I	11.0	76.6	82.9	87.6	90.7	91.2	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 300	I	11.1	77.2	83.7	88.4	91.4	92.1	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 200	I	11.1	77.8	86.3	89.2	92.4	93.2	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 100	I	11.1	77.9	84.8	90.1	93.4	94.2	95.9	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 50	I	11.2	78.1	85.1	90.7	94.4	95.3	97.0	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 30	I	11.2	78.1	85.2	90.9	95.[illegible]	96.1	97.8	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 20	I	11.2	78.1	85.3	90.9	95.4	96.7	98.6	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 10	I	11.2	78.1	85.3	90.9	95.6	96.7	98.6	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 5	I	11.2	78.1	85.3	90.9	95.6	96.7	98.6	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1	I	11.2	78.1	85.3	90.9	95.6	96.7	98.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 0	I	11.2	78.1	85.3	90.9	95.6	96.7	98.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 9[illegible]

GLOBAL CLIMATOLOGY BRANCH   PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC   FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395   STATION NAME: WURTSMITH AFB MI   PERIOD OF RECORD: [illegible]
MONTH: SEP   HOUR (LST): [illegible]

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.1	38.9	41.2	[illegible]	43.1	[illegible]	43.7	[illegible]	[illegible]	[illegible]	43.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	5.2	43.6	46.7	[illegible]	45.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	[illegible]	[illegible]	[illegible]
GE 18000	5.2	45.5	[illegible]	48.6	49.1	[illegible]	49.2	49.2	49.2	49.2	49.2	49.2	49.2	[illegible]	[illegible]	[illegible]
GE 16000	5.2	45.9	[illegible]	48.6	49.1	[illegible]	49.2	49.2	49.2	49.2	49.2	49.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	5.7	45.1	46.1	49.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	[illegible]	[illegible]	[illegible]
GE 12000	5.3	45.9	49.7	51.1	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	[illegible]	[illegible]	[illegible]
GE 10000	5.7	49.7	52.1	53.9	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	[illegible]	[illegible]	[illegible]
GE 9000	5.7	49.6	52.4	54.2	54.7	55.0	55.0	55.0	55.0	55.0	55.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	7.2	52.6	56.9	59.1	60.0	60.1	60.1	60.1	60.1	60.1	60.1	[illegible]	60.1	[illegible]	[illegible]	[illegible]
GE 7000	7.4	54.4	59.1	61.4	62.1	62.4	62.6	62.6	62.6	62.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	7.7	56.1	60.4	62.4	63.7	63.8	63.9	63.9	63.9	63.9	63.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	7.6	58.4	62.4	65.2	66.2	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	[illegible]	[illegible]	[illegible]
GE 4500	7.9	60.4	64.5	67.4	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	63.2	67.5	70.4	71.5	71.9	72.2	72.2	72.2	72.2	72.2	[illegible]	72.2	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	64.4	69.4	72.4	73.6	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	[illegible]	74.1	[illegible]
GE 3000	[illegible]	70.2	75.5	76.3	80.0	80.1	80.4	80.7	80.7	80.7	80.7	80.7	80.7	[illegible]	[illegible]	[illegible]
GE 2500	9.8	72.4	78.9	81.7	83.0	83.6	84.0	84.2	84.2	84.2	84.2	[illegible]	84.2	[illegible]	[illegible]	[illegible]
GE 2000	10.1	75.0	81.3	84.4	86.1	86.6	87.0	87.2	87.2	87.2	87.2	87.2	87.2	[illegible]	[illegible]	[illegible]
GE 1800	10.2	75.6	81.5	85.0	87.0	87.1	87.6	87.6	87.8	87.8	87.8	[illegible]	87.8	87.8	87.8	[illegible]
GE 1500	[illegible]	77.0	83.2	86.9	89.0	89.0	89.4	89.6	89.6	[illegible]	[illegible]	89.8	89.8	[illegible]	[illegible]	89.8
GE 1200	10.6	78.2	84.7	88.4	90.3	91.0	91.3	92.2	92.2	92.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	78.6	85.0	89.1	92.0	92.4	93.2	93.4	93.6	93.8	93.8	[illegible]	93.9	[illegible]	[illegible]	93.9
GE 900	10.6	79.0	85.6	89.6	92.0	93.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6	[illegible]	[illegible]	94.6
GE 800	[illegible]	77.3	86.0	90.1	93.0	93.6	94.4	95.1	95.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	79.0	86.2	90.4	94.2	94.4	95.1	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 600	[illegible]	79.0	86.4	90.5	94.7	94.9	96.0	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	10.6	79.1	86.6	91.0	95.2	95.6	96.9	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	10.6	79.7	86.7	91.1	95.4	95.8	97.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8
GE 300	10.6	79.7	86.7	91.2	95.6	95.9	97.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	10.6	79.7	86.7	91.2	95.6	95.9	97.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	10.6	79.7	86.7	91.2	95.7	95.9	97.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	10.6	79.7	86.7	91.2	95.7	95.9	97.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

[illegible]

[illegible] CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

FROM HOURLY OBSERVATIONS

[illegible]

VISIBILITY IN STATUTE MILES

[illegible]

100.0

[illegible] CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
DATA: FROM HOURLY OBSERVATIONS
AFS WEATHER SERVICE/MAC

STATION NUMBER: 7[illegible] STATION NAME: [illegible] SMITH AFB MI — PERIOD OF RECORD: 7[illegible]
MONTH: SEP — HOURS(LST): ALL

CEILING	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/16	GE 1/4	GE 0
GE 22000	5[illegible]	52.5	95.0	96.4	97.4	97.5	97.9	98.1	98.2	98.3	98.4	98.5	98.6	98.6	97.7
GE 15000	5.7	85.7	88.5	90.1	91.1	91.3	91.8	92.0	93.1	93.2	93.3	93.7	93.8	93.8	93.8
GE 10000	6.1	93.8	98.7	99.2	91.8	91.6	92.0	92.2	92.7	92.8	92.9	92.9	92.9	92.9	92.9
GE 7000	6.1	93.8	98.7	99.2	91.8	91.6	92.0	92.2	92.7	92.8	92.9	92.9	92.9	92.9	92.9
GE 5000	6.4	96.2	99.1	99.6	91.	92.6	92.8	92.7	93.8	92.9	93.	93.1	93.1	93.1	93.1
GE 3000	6.6	97.1	99.9	91.7	92.5	93.6	93.8	93.7	93.7	93.9	93.9	94.1	94.1	94.1	94.1
GE 2000	6.8	99.9	93.1	95.0	96.1	96.3	96.7	97.0	97.1	97.1	97.3	97.4	97.4	97.4	97.
GE 1500	6.9	96.9	93.8	95.5	96.9	96.8	97.2	97.4	97.5	97.7	97.7	97.9	97.9	97.9	97.9
GE 1000	7.1	97.1	97.1	99.1	60.1	61.5	61.0	61.3	61.4	61.5	61.6	61.6	61.7	61.8	61.8
GE 700	7.3	95.1	98.9	81.0	62.9	63.6	63.1	63.3	63.4	63.6	63.6	63.8	63.9	63.9	63.9
GE 500	7.3	96.3	60.1	62.3	63.7	63.9	64.4	64.6	64.7	64.9	64.9	65.1	65.1	65.1	65.1
GE 300	5.1	79.3	82.7	84.1	86.	86.	66.7	67.0	67.1	67.3	67.3	67.5	67.7	67.7	67.7
GE 200	5.1	59.6	67.7	68.1	67.7	67.9	68.2	68.4	68.4	69.1	69.2	69.1	69.3	69.4	69.4
GE 150	5.1	62.5	66.4	69.6	71.7	71.6	72.3	72.6	72.7	72.9	72.9	73.1	73.1	73.2	73.1
GE 100	5.7	63.7	68.7	71.0	73.7	73.2	73.9	74.3	74.4	74.6	74.6	74.8	74.8	74.8	74.8
GE 70	5.7	66.9	71.7	74.3	76.7	77.0	77.4	74.	78.3	78.5	78.6	78.7	78.7	78.8	78.8
GE 50	5.7	68.7	73.7	76.7	79.	79.5	80.3	80.6	81.9	81.1	81.1	81.3	81.3	81.4	81.4
GE 30	11.0	70.7	75.7	78.7	81.1	81.9	82.8	83.3	83.8	83.6	83.7	83.8	83.8	83.8	83.8
GE 20	13.1	71.2	76.2	79.5	82.	83.5	83.8	83.9	84.0	84.	84.1	84.3	84.4	84.5	84.5
GE 15	1[illegible]	72.8	78.1	81.5	84.7	86.6	87.7	88.5	88.8	88.8	88.8	88.9	87.0	87.1	87.1
GE 10	10.8	73.8	79.1	82.4	85.	87.8	87.5	88.3	88.8	88.7	88.7	88.8	88.8	88.9	88.
GE 7	1[illegible]	1.7	74.	79.4	83.3	87.1	88.0	89.5	90.1	90.7	91.0	90.7	90.7	90.7	90.8
GE 5	10.5	13.8	74.8	80.7	84.8	88.2	90.1	90.8	91.4	91.5	91.7	91.8	91.8	91.9	92.
GE 3	1[illegible]	10.7	75.3	81.8	85.8	89.7	90.2	91.7	93.7	93.9	93.2	93.2	93.4	93.4	93.4
GE 2	7.7	13.7	75.5	81.7	86.1	89.7	91.4	92.6	93.6	93.9	94.1	94.3	94.4	94.4	94.5
GE 1	7.	10.7	75.6	81.	86.3	90.4	91.7	93.5	94.8	95.1	95.4	95.4	95.6	95.6	95.7
GE [illegible]	1[illegible]	10.7	75.8	82.1	86.4	91.7	92.5	94.7	96.2	97.5	97.8	98.8	96.9	97.1	97.2
GE 0.5	9.0	1[illegible].7	75.8	82.1	86.9	91.7	92.9	94.1	97.0	97.2	97.6	97.7	97.8	97.9	98.1
GE [illegible]	[illegible]	10.7	75.8	82.2	87.	91.	93.1	95.6	97.4	97.7	98.	98.4	98.4	98.7	98.7
GE [illegible]	[illegible]	10.7	75.6	82.1	87.1	91.	93.	95.0	97.4	97.8	98.3	98.6	98.8	99.0	99.1
GE [illegible]	1[illegible]	1[illegible].7	75.8	82.2	87.2	91.7	93.2	95.6	97.4	97.8	98.3	98.6	98.8	99.1	99.3	99.6
[illegible]	[illegible]	10.7	75.8	82.2	87.2	91.7	93.2	95.6	97.4	97.8	98.3	98.6	98.8	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 7[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

CEILING

VISIBILITY IN STATUTE MILES

[illegible] CLIMATOLOGY BRANCH [illegible] PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] FROM HOURLY OBSERVATIONS
[illegible]

[illegible] STATION NAME [illegible] PERIOD OF RECORD: [illegible]
MONTH: OCT HOURS(LST): [illegible]

VISIBILITY IN STATUTE MILES

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	7.0	37.1	39.5	40.1	41.1	41.1	41.3	41.5	41.7	41.9	42.0	42.0	42.4	42.5	42.6	43.2
GE 20000	7.5	40.3	42.4	43.8	44.7	44.7	44.9	45.3	45.5	45.8	45.9	45.9	46.2	46.3	46.5	47.1
GE 19000	7.5	40.4	42.5	43.9	44.9	44.9	45.2	45.5	45.7	46.0	46.1	46.1	46.5	46.6	46.7	47.3
GE 18000	7.5	40.4	42.5	43.9	44.9	44.9	45.2	45.5	45.7	46.0	46.1	46.1	46.5	46.6	46.7	47.3
GE 14000	7.5	40.5	42.6	44.0	45.1	45.1	45.3	45.6	45.8	46.1	46.2	46.2	46.6	46.7	46.8	47.4
GE 12000	7.6	41.0	43.2	44.6	45.9	45.8	46.0	46.3	46.6	46.9	47.0	47.0	47.3	47.4	47.5	48.2
GE 10000	7.6	43.5	45.8	47.2	48.5	48.5	48.7	49.0	49.2	49.7	49.8	49.8	50.1	50.2	50.3	51.0
GE 9000	7.6	43.5	45.9	47.3	48.6	48.6	48.8	49.1	49.4	49.8	49.9	49.9	50.2	50.3	50.4	51.1
GE 8000	8.3	48.0	50.4	52.2	53.5	53.5	53.8	54.1	54.3	54.7	54.8	54.8	55.2	55.3	55.4	56.0
GE 7000	8.4	49.1	51.6	53.3	54.8	54.8	55.2	55.6	55.8	56.2	56.3	56.3	56.7	56.8	56.9	57.5
GE 6000	8.4	50.4	53.0	54.9	56.3	56.3	56.8	57.2	57.4	57.8	58.0	58.0	58.3	58.4	58.5	59.1
GE 5000	8.6	53.5	56.3	58.4	59.9	59.9	60.5	61.0	61.2	61.6	61.7	61.7	62.0	62.2	62.3	62.9
GE 4000	9.4	55.6	58.4	60.6	62.2	62.2	62.8	63.2	63.4	63.9	64.0	64.0	64.3	64.4	64.5	65.2
GE 3000	10.0	59.1	62.5	64.8	66.4	66.8	67.5	68.2	68.4	68.8	68.9	68.9	69.2	69.4	69.5	70.1
GE 2500	10.1	61.7	65.3	67.6	69.6	69.6	70.3	71.0	71.2	71.6	71.7	71.7	72.0	72.2	72.3	72.9
GE 2000	10.3	67.3	71.2	73.5	75.1	75.9	76.7	77.3	77.5	78.0	78.1	78.1	78.4	78.5	78.6	79.2
GE 1800	10.5	68.9	73.0	75.2	77.4	77.5	78.3	78.9	79.1	79.6	79.7	79.7	80.0	80.1	80.2	80.9
GE 1500	10.6	71.9	75.8	76.9	80.8	80.9	81.7	82.4	82.6	83.0	83.1	83.1	83.4	83.5	83.7	84.3
GE 1200	10.6	72.5	76.3	78.9	81.4	81.6	82.5	83.1	83.3	83.6	83.9	83.9	84.2	84.3	84.4	85.1
GE 1000	10.6	74.5	78.6	81.3	83.9	84.1	84.9	85.7	85.9	86.3	86.5	86.5	86.8	86.9	87.0	87.6
GE 900	10.6	75.7	79.9	82.7	85.6	85.6	86.7	87.4	87.6	88.1	88.2	88.2	88.5	88.6	88.7	89.4
GE 800	10.7	76.1	80.3	83.5	86.6	86.8	87.8	88.7	89.2	89.7	89.8	89.8	90.1	90.2	90.3	91.0
GE 700	10.6	76.2	80.4	84.0	87.1	87.2	88.4	89.4	90.0	90.4	90.5	90.5	90.9	91.0	91.1	91.7
GE 600	10.6	76.3	80.5	84.1	87.3	87.5	88.9	89.9	90.5	91.1	91.2	91.2	91.5	91.6	91.7	92.4
GE 500	10.6	76.3	80.6	84.4	87.6	88.0	89.9	90.9	91.8	92.4	92.5	92.5	92.8	92.9	93.0	93.7
GE 400	10.6	76.3	80.6	84.6	88.2	88.6	90.5	91.8	92.9	93.4	93.5	93.5	94.0	94.1	94.2	94.8
GE 300	10.6	76.6	81.0	85.1	89.0	89.5	91.4	92.9	94.0	94.5	94.6	94.6	95.1	95.2	95.3	95.9
GE 200	10.6	76.6	81.0	85.1	89.0	89.5	91.7	93.5	94.7	95.4	95.8	95.8	96.5	96.6	96.8	97.4
GE 150	10.6	76.6	81.0	85.1	89.0	89.5	91.7	93.7	94.8	95.7	96.2	96.3	97.3	97.4	97.6	98.3
GE 100	10.6	76.6	81.0	85.1	89.0	89.5	91.7	93.8	94.9	96.2	96.9	96.9	98.1	98.3	98.6	99.6
GE 50	10.6	76.6	81.0	85.1	89.0	89.5	91.7	93.8	94.9	96.2	96.8	96.9	98.1	98.3	98.6	99.9
GE 0	10.6	76.6	81.0	85.1	89.0	89.5	91.7	93.8	94.9	96.2	96.8	96.9	98.1	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	7.3	34.4	34.9	34.9	35.4	35.5	35.5	35.7	35.8	35.8	35.8	35.8	35.8	35.9	35.9	36.2
GE 20000	7.4	40.8	41.4	41.4	41.9	42.0	42.2	42.5	42.6	42.6	42.6	42.6	42.6	42.7	42.7	43.0
GE 18000	7.4	40.9	41.5	41.6	42.3	42.4	42.5	42.8	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.3
GE 16000	7.4	40.9	41.5	41.6	42.3	42.4	42.5	42.8	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.3
GE 14000	7.4	40.9	41.5	41.6	42.3	42.4	42.5	42.8	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.3
GE 12000	7.8	42.3	42.9	43.0	43.8	43.9	44.0	44.3	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.8
GE 10000	7.8	45.4	46.1	46.6	47.4	47.5	47.7	48.1	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.6
GE 9000	7.8	45.8	46.7	47.1	48.0	48.1	48.3	48.6	48.7	48.7	48.7	48.7	48.7	48.8	48.8	49.1
GE 8000	8.5	49.2	50.6	51.1	52.0	52.2	52.4	52.7	52.8	52.8	52.8	52.8	52.8	52.9	52.9	53.2
GE 7000	8.5	51.2	52.8	53.2	54.2	54.3	54.5	54.8	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.4
GE 6000	8.6	52.0	53.9	54.3	55.3	55.4	55.7	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.7
GE 5000	8.8	53.2	55.1	55.5	56.5	56.6	57.0	57.4	57.5	57.5	57.5	57.5	57.5	57.6	57.6	58.0
GE 4500	9.2	55.4	57.5	58.1	59.0	59.1	59.6	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.5
GE 4000	9.9	60.3	62.6	63.2	64.3	64.4	65.1	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7	66.0
GE 3500	10.4	63.9	66.1	66.8	67.8	68.1	68.7	69.1	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.7
GE 3000	10.6	69.0	71.4	72.2	73.3	73.5	74.2	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8	75.2
GE 2500	11.1	71.8	74.4	75.3	76.5	76.9	77.5	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.5
GE 2000	11.2	75.9	78.5	79.6	80.9	81.5	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.9	83.1
GE 1800	11.2	76.8	79.5	80.5	81.3	82.5	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.8	83.8	84.1
GE 1500	11.3	79.5	82.3	83.5	84.9	85.7	86.6	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.6
GE 1200	11.5	80.5	83.3	85.2	86.6	87.3	88.2	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9	89.2
GE 1000	11.6	81.0	83.6	85.7	87.3	88.1	89.1	89.7	89.8	89.8	89.8	89.9	89.9	90.0	90.0	90.3
GE 900	11.6	81.0	83.6	85.8	87.7	88.5	89.7	90.2	90.3	90.3	90.3	90.4	90.4	90.5	90.5	90.9
GE 800	11.6	81.0	83.9	86.2	88.5	89.4	90.6	91.3	91.4	91.4	91.4	91.5	91.5	91.6	91.6	91.9
GE 700	11.6	81.1	84.0	86.5	88.9	89.9	91.3	91.9	92.0	92.2	92.2	92.3	92.3	92.4	92.4	92.7
GE 600	11.6	81.1	84.1	86.8	89.4	90.8	92.2	92.9	93.1	93.5	93.5	93.7	93.7	93.8	93.8	94.1
GE 500	11.6	81.3	84.4	87.4	90.2	91.6	93.2	94.3	94.5	94.9	95.2	95.3	95.3	95.4	95.4	95.7
GE 400	11.6	81.3	84.4	87.5	90.4	91.8	93.7	95.9	96.6	97.1	97.7	97.8	97.8	98.0	98.0	98.3
GE 300	11.6	81.3	84.5	87.7	90.6	92.0	93.9	96.2	96.9	97.6	98.4	98.5	98.5	98.6	98.7	99.2
GE 200	11.6	81.3	84.5	87.7	90.6	92.0	93.9	96.2	96.9	97.6	98.4	98.6	98.9	99.0	99.1	99.8
GE 100	11.6	81.3	84.5	87.7	90.6	92.0	93.9	96.2	96.9	97.6	98.5	98.7	98.9	99.1	99.2	99.9
GE 0	11.6	81.3	84.5	87.7	90.6	92.0	93.9	96.2	96.9	97.6	98.5	98.7	98.9	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	5.7	33.7	34.2	34.5	34.9	34.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 20000	7.2	41.0	41.6	42.0	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 18000	7.2	41.0	41.6	42.0	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 16000	7.2	41.2	41.8	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 14000	7.2	41.5	42.2	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 12000	7.5	42.6	43.2	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 10000	7.7	45.2	45.9	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 9000	7.7	45.9	46.7	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 8000	8.1	48.6	49.4	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 7000	8.1	50.8	51.5	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 6000	8.3	52.0	52.8	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 5000	8.5	53.1	53.9	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 4500	8.6	54.0	54.7	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 4000	10.0	59.5	60.2	61.1	61.9	61.9	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 3500	10.6	63.4	64.3	65.2	66.1	66.1	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 3000	11.9	72.5	73.3	74.3	75.4	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 2500	12.3	78.3	79.1	80.3	81.4	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000	12.3	81.0	82.4	83.8	84.9	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	12.3	82.3	83.7	85.2	86.2	86.2	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1000	12.6	84.9	86.9	88.7	89.8	90.0	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1200	12.6	85.8	87.8	90.0	91.5	91.8	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000	12.6	86.0	88.4	90.8	92.5	93.0	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	12.6	86.2	88.6	91.0	92.7	93.3	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	12.6	86.7	89.5	91.9	93.9	94.4	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	12.6	86.8	89.7	92.3	94.4	94.9	95.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	12.6	86.8	89.7	92.3	94.4	95.1	95.7	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	12.6	86.8	89.7	92.7	94.9	95.8	96.6	98.2	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	12.6	86.9	89.8	92.8	95.1	96.3	97.1	98.9	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	12.6	86.9	89.9	92.8	95.1	96.3	97.1	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	12.6	86.9	89.9	92.8	95.1	96.3	97.1	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	12.6	86.9	89.9	92.8	95.1	96.3	97.1	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	12.6	86.9	89.9	92.8	95.1	96.3	97.1	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
	VISIBILITY IN STATUTE MILES															
NO CEIL	5.7	33.5	33.8	34.2	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 20000	6.7	40.8	41.3	41.7	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 18000	6.7	40.9	41.4	41.8	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 16000	6.7	41.0	41.5	41.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 14000	6.9	41.7	42.3	42.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 12000	7.1	42.8	43.3	43.8	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 10000	7.6	46.2	46.8	47.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 9000	7.7	46.5	47.0	47.4	49.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 8000	8.8	50.4	51.0	51.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 7000	8.9	53.3	53.9	54.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 6000	9.0	53.7	54.2	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 5000	9.2	55.4	55.9	56.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 4500	9.5	56.3	56.9	57.6	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 4000	10.8	64.3	65.3	66.0	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 3500	11.5	68.8	69.9	70.6	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 3000	12.8	76.1	77.4	78.3	78.9	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2500	12.6	80.9	82.3	83.3	84.0	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2000	12.9	83.7	85.6	86.9	87.6	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	13.0	84.3	86.2	87.5	88.3	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500	13.2	86.9	89.1	90.4	91.3	91.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1200	13.2	87.6	89.5	90.8	91.7	92.3	92.3	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	13.2	87.1	89.6	91.6	92.7	93.3	93.3	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	13.2	87.3	89.9	92.0	93.2	93.9	93.9	94.5	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95.1
GE 800	13.2	87.5	90.1	92.6	93.8	94.5	94.7	95.5	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 700	13.2	88.2	90.8	93.3	94.5	95.3	95.6	96.3	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0
GE 600	13.2	88.3	91.0	93.5	94.7	95.6	95.9	96.9	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5
GE 500	13.2	88.4	91.2	94.0	95.4	96.1	96.7	98.2	99.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0
GE 400	13.2	88.4	91.2	94.0	95.4	96.1	96.7	98.3	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	13.2	88.4	91.2	94.0	95.4	96.1	96.7	98.4	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	13.2	88.4	91.2	94.0	95.4	96.1	96.7	98.4	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9
GE 100	13.2	88.4	91.2	94.0	95.4	96.1	96.7	98.4	99.2	99.5	99.7	99.7	99.9	100.0	100.0	100.0
GE 0	13.2	88.4	91.2	94.0	95.4	96.1	96.7	98.4	99.2	99.5	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1900-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	0.8	40.8	41.4	41.8	41.9	41.9	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 20000	7.2	44.5	45.6	46.0	46.5	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 18000	7.2	44.5	45.6	46.0	46.5	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 16000	7.2	44.5	45.6	46.0	46.5	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 14000	7.2	44.5	45.6	46.0	46.5	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 12000	7.2	46.1	47.3	47.7	48.2	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 10000	7.7	49.9	51.1	51.5	51.9	51.9	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 9000	7.7	50.1	51.3	51.7	52.3	52.3	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 8000	8.9	54.8	56.0	56.6	57.1	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 7000	9.1	57.3	58.7	59.2	59.9	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 6000	9.2	57.6	59.2	59.8	60.3	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 5000	9.4	58.5	60.4	61.1	61.6	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4500	10.0	61.2	62.8	63.5	64.1	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 4000	11.1	68.9	70.9	71.9	72.6	73.0	73.4	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
GE 3500	12.0	72.7	74.7	75.9	76.6	77.0	77.4	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	12.3	76.9	79.0	80.5	81.3	81.7	82.3	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 2500	12.7	81.2	83.4	85.3	86.1	86.6	87.1	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	12.7	83.7	86.1	88.3	89.2	89.7	90.3	90.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	12.7	84.2	86.7	88.8	89.8	90.2	91.0	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 1500	12.7	85.9	88.6	90.8	91.7	92.2	92.9	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	12.7	86.2	88.9	91.1	92.0	92.5	93.2	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	12.7	86.5	89.2	91.5	92.7	93.1	94.0	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	12.7	86.8	89.8	92.6	93.2	93.7	94.5	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	12.7	87.1	90.2	92.5	93.7	94.1	94.9	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	12.7	87.2	90.2	92.6	93.9	94.2	95.1	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	12.7	87.2	90.3	92.6	93.9	94.2	95.1	95.4	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	12.7	87.2	90.4	92.9	94.3	94.7	95.7	96.2	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3
GE 400	12.7	87.2	90.4	92.9	94.4	94.8	96.0	96.8	97.7	97.8	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	12.7	87.2	90.4	92.9	94.4	94.8	96.0	97.1	98.2	98.5	98.9	99.1	99.1	99.1	99.1	99.1
GE 200	12.7	87.2	90.4	92.9	94.4	94.8	96.0	97.1	98.2	98.5	98.9	99.1	99.2	99.2	99.6	99.7
GE 100	12.7	87.2	90.4	92.9	94.4	94.8	96.0	97.1	98.2	98.5	98.9	99.1	99.2	99.2	99.6	99.7
GE 0	12.7	87.2	90.4	92.9	94.4	94.8	96.0	97.1	98.2	98.5	98.9	99.1	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.1	44.9	45.9	46.5	46.9	47.4	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 20000	48.4	47.3	48.6	49.2	49.8	50.3	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 18000	8.4	47.3	48.6	49.2	49.8	50.3	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 16000	8.4	47.3	48.6	49.2	49.8	50.3	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 14000	8.6	47.8	49.1	49.8	50.3	50.9	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 12000	8.6	49.4	50.6	51.3	51.9	52.4	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 10000	8.9	51.6	52.9	53.5	54.1	54.6	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 9000	9.1	52.4	53.7	54.3	54.9	55.4	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 8000	10.1	56.9	59.4	59.1	59.7	60.2	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 7000	10.1	58.0	59.5	60.2	60.8	61.3	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 6000	10.2	58.8	60.3	61.1	61.6	62.2	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 5000	10.3	60.9	62.6	63.3	63.9	64.4	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 4500	10.8	64.5	66.6	67.3	67.8	68.4	68.9	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6
GE 4000	11.6	71.2	73.2	74.3	74.9	75.6	76.3	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
GE 3500	11.9	73.3	75.4	76.6	77.1	77.8	78.6	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	11.9	78.2	80.5	82.0	82.6	83.3	84.1	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
GE 2500	12.0	79.9	82.4	84.3	84.9	85.6	86.3	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000	12.4	82.8	85.6	87.6	88.2	89.0	89.9	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	12.4	83.3	86.1	88.2	88.9	89.8	90.6	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	12.4	84.5	87.4	89.5	90.2	91.1	91.9	92.4	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	12.4	84.9	88.0	90.2	91.2	92.2	93.0	93.4	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1
GE 1000	12.4	85.2	88.4	90.6	91.6	92.9	93.8	94.2	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8
GE 900	12.4	85.4	88.6	91.0	92.2	93.2	94.1	94.5	94.9	94.9	95.1	95.1	95.2	95.2	95.2	95.2
GE 800	12.4	85.5	88.7	91.1	92.4	93.4	94.3	94.7	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4
GE 700	12.4	85.5	88.7	91.2	92.5	93.5	94.4	94.8	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5
GE 600	12.4	85.7	88.9	91.4	92.7	93.8	94.6	95.1	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0
GE 500	12.4	85.9	89.1	91.6	93.0	94.1	95.1	95.5	96.2	96.2	96.3	96.3	96.5	96.5	96.5	96.5
GE 400	12.4	85.9	89.1	91.7	93.1	94.2	95.3	95.7	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1
GE 300	12.4	85.9	89.1	91.7	93.2	94.3	95.5	95.9	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4
GE 200	12.4	85.9	89.1	91.7	93.2	94.3	95.5	96.1	97.3	98.1	99.3	98.3	98.7	98.7	98.8	99.0
GE 100	12.4	85.9	89.1	91.7	93.2	94.3	95.5	96.1	97.3	98.1	98.4	98.6	99.0	99.0	99.1	99.6
GE 0	12.4	85.9	89.1	91.7	93.2	94.3	95.5	96.1	97.3	98.1	98.4	98.6	99.0	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	6.7	38.9	39.9	40.3	40.5	41.0	41.1	41.3	41.4	41.5	41.6	41.6	41.7	41.7	41.7	41.9
GE 20000	7.4	43.2	44.3	44.9	45.5	45.6	45.7	46.0	46.1	46.2	46.3	46.3	46.4	46.4	46.5	46.7
GE 18000	7.4	43.3	44.4	45.0	45.5	45.7	45.8	46.1	46.2	46.3	46.4	46.4	46.5	46.5	46.6	46.8
GE 16000	7.4	43.3	44.4	45.0	45.6	45.7	45.9	46.1	46.3	46.4	46.4	46.4	46.5	46.6	46.6	46.8
GE 14000	7.4	43.6	44.7	45.3	45.8	46.0	46.1	46.4	46.5	46.6	46.7	46.7	46.8	46.8	46.9	47.1
GE 12000	7.6	44.7	45.8	46.4	47.0	47.2	47.3	47.5	47.7	47.8	47.9	47.9	47.9	48.0	48.1	48.2
GE 10000	7.8	47.5	48.7	49.3	49.9	50.1	50.2	50.5	50.6	50.7	50.8	50.8	50.9	50.9	51.0	51.2
GE 9000	7.9	47.6	49.1	49.7	50.3	50.5	50.7	51.0	51.1	51.2	51.3	51.3	51.4	51.4	51.5	51.7
GE 8000	8.7	51.6	53.1	54.0	54.7	54.8	55.0	55.3	55.4	55.6	55.6	55.6	55.7	55.8	55.8	56.0
GE 7000	9.8	53.4	54.9	55.8	56.5	56.6	56.8	57.1	57.2	57.4	57.4	57.4	57.5	57.6	57.6	57.8
GE 6000	9.9	54.3	55.8	56.7	57.4	57.6	57.8	58.1	58.2	58.4	58.4	58.4	58.5	58.6	58.6	58.8
GE 5000	9.1	56.2	57.6	58.6	59.5	59.7	59.9	60.2	60.4	60.5	60.6	60.6	60.7	60.7	60.8	61.0
GE 4500	9.6	58.3	60.0	61.1	61.9	62.0	62.2	62.6	62.8	62.9	63.0	63.0	63.1	63.1	63.2	63.4
GE 4000	10.4	64.1	66.1	67.3	68.1	68.4	68.7	69.2	69.4	69.5	69.6	69.6	69.7	69.7	69.8	70.0
GE 3500	10.9	67.3	69.3	70.6	71.5	71.7	72.1	72.5	72.7	72.9	73.0	73.0	73.1	73.1	73.2	73.3
GE 3000	11.3	73.1	75.3	76.7	77.6	77.9	78.3	78.7	78.9	79.1	79.2	79.2	79.2	79.3	79.3	79.5
GE 2500	11.6	76.5	78.9	80.5	81.5	81.8	82.2	82.6	82.8	83.0	83.1	83.1	83.1	83.2	83.3	83.4
GE 2000	11.7	79.3	82.0	83.8	84.8	85.2	85.6	86.1	86.3	86.5	86.5	86.5	86.6	86.7	86.7	86.9
GE 1800	11.7	80.0	82.8	84.5	85.6	86.0	86.5	86.9	87.2	87.3	87.4	87.4	87.5	87.5	87.6	87.8
GE 1500	11.8	82.3	85.3	87.2	88.3	88.8	89.2	89.8	90.1	90.2	90.3	90.3	90.4	90.4	90.5	90.7
GE 1000	11.9	83.1	86.2	88.2	89.6	90.1	90.6	91.2	91.5	91.6	91.7	91.7	91.8	91.9	91.9	92.1
GE 900	11.9	83.5	86.7	89.0	90.5	91.1	91.7	92.4	92.7	92.8	92.9	92.9	93.0	93.1	93.1	93.3
GE 800	11.9	83.6	86.9	89.3	90.9	91.5	92.2	92.9	93.3	93.4	93.5	93.5	93.6	93.7	93.7	93.9
GE 700	11.9	83.8	87.2	89.7	91.4	92.1	92.8	93.6	93.9	94.1	94.2	94.2	94.3	94.4	94.4	94.6
GE 600	11.9	83.9	87.4	89.9	91.7	92.4	93.3	94.1	94.5	94.6	94.7	94.8	94.9	94.9	95.0	95.2
GE 500	11.9	84.0	87.4	90.1	92.0	92.8	93.7	94.6	95.2	95.4	95.5	95.5	95.6	95.7	95.8	95.9
GE 400	11.9	84.1	87.6	90.4	92.5	93.3	94.3	95.5	96.1	96.4	96.6	96.6	96.7	96.8	96.9	97.0
GE 300	11.9	84.1	87.6	90.4	92.5	93.5	94.7	96.0	97.0	97.3	97.6	97.6	97.8	97.8	97.9	98.1
GE 200	11.9	84.1	87.6	90.5	92.6	93.5	94.8	96.3	97.2	97.6	98.0	98.1	98.3	98.4	98.5	98.7
GE 150	11.9	84.1	87.6	90.5	92.6	93.5	94.8	96.4	97.3	98.0	98.4	98.5	98.9	99.0	99.1	99.4
GE 100	11.9	84.1	87.6	90.5	92.6	93.5	94.8	96.4	97.4	98.2	98.5	98.6	99.0	99.1	99.3	99.7
GE 0	11.9	84.1	87.6	90.5	92.6	93.5	94.8	96.4	97.4	98.0	98.5	98.6	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-0200

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.7	31.0	32.4	33.4	34.2	34.2	34.4	35.0	35.0	35.0	35.2	35.2	35.6	35.6	35.6	36.0
GE 20000	3.8	32.9	34.8	35.8	36.7	36.7	36.9	37.6	37.6	37.6	37.8	37.8	38.1	38.1	38.1	38.6
GE 18000	3.8	32.9	34.8	35.8	36.7	36.7	36.9	37.6	37.6	37.6	37.8	37.8	38.1	38.1	38.1	38.6
GE 16000	3.8	32.9	34.8	35.8	36.7	36.7	36.9	37.6	37.6	37.6	37.8	37.8	38.1	38.1	38.1	38.6
GE 14000	3.8	33.2	35.1	36.1	37.0	37.0	37.2	37.9	37.9	37.9	38.1	38.1	38.4	38.4	38.4	38.9
GE 12000	4.1	33.8	35.7	36.7	37.6	37.6	37.8	38.4	38.4	38.4	38.7	38.7	39.0	39.0	39.0	39.4
GE 10000	4.4	37.3	39.3	40.3	41.2	41.2	41.4	42.1	42.1	42.1	42.3	42.3	42.7	42.7	42.7	43.1
GE 9000	4.4	38.3	40.3	41.3	42.2	42.2	42.4	43.1	43.1	43.1	43.3	43.3	43.7	43.7	43.7	44.1
GE 8000	5.0	41.2	43.9	44.9	45.8	45.8	46.0	46.7	46.7	46.7	46.9	46.9	47.2	47.2	47.2	47.7
GE 7000	5.0	42.8	45.4	46.4	47.3	47.3	47.6	48.2	48.2	48.2	48.4	48.4	48.8	48.8	48.8	49.2
GE 6000	5.0	43.3	46.2	47.2	48.1	48.1	48.3	49.0	49.0	49.0	49.2	49.2	49.6	49.6	49.6	50.0
GE 5000	5.0	46.6	49.7	50.8	51.7	51.7	51.9	52.6	52.6	52.6	52.8	52.8	53.1	53.1	53.1	53.6
GE 4500	5.1	48.4	51.8	52.9	54.0	54.0	54.2	55.1	55.1	55.1	55.3	55.3	55.7	55.7	55.7	56.1
GE 4000	6.2	55.3	59.3	60.8	62.4	62.4	62.7	63.8	63.8	63.8	64.0	64.0	64.3	64.3	64.3	64.8
GE 3500	6.6	59.9	63.9	65.4	67.1	67.1	67.3	68.4	68.4	68.4	68.7	68.7	69.0	69.0	69.0	69.4
GE 3000	7.1	65.6	69.6	71.2	73.2	73.2	73.6	74.7	74.7	74.8	75.1	75.1	75.4	75.4	75.4	75.9
GE 2500	7.1	69.0	73.7	75.4	77.6	77.6	77.9	79.0	79.0	79.1	79.4	79.6	79.9	79.9	79.9	80.3
GE 2000	7.1	72.3	77.1	79.0	81.2	81.2	81.6	82.7	82.7	82.8	83.1	83.2	83.6	83.6	83.6	84.0
GE 1800	7.1	73.7	78.6	80.4	82.7	82.7	83.0	84.1	84.1	84.2	84.6	84.7	85.0	85.0	85.0	85.4
GE 1500	7.2	76.1	81.4	83.8	86.3	86.3	86.7	87.9	87.9	88.0	88.3	88.4	88.8	88.8	88.8	89.2
GE 1000	7.7	77.2	82.7	85.1	87.7	87.7	88.0	89.2	89.2	89.3	89.7	89.8	90.1	90.1	90.1	90.6
GE 1000	7.8	77.6	83.0	85.6	88.2	88.2	88.6	90.0	90.0	90.1	90.4	90.6	90.9	90.9	90.9	91.3
GE 900	7.8	77.7	83.3	86.0	88.7	88.7	89.0	90.4	90.4	90.6	90.9	91.0	91.3	91.3	91.3	91.8
GE 800	7.8	77.9	83.8	86.9	89.6	89.6	89.9	91.4	91.4	91.6	91.9	92.0	92.3	92.3	92.3	92.8
GE 700	7.8	78.7	84.6	87.7	90.8	90.9	91.3	93.4	93.4	93.8	94.1	94.2	94.6	94.6	94.6	95.0
GE 600	7.8	79.0	85.0	88.1	91.6	91.7	92.2	94.3	94.3	94.7	95.0	95.1	95.4	95.4	95.4	95.9
GE 500	7.8	79.0	85.0	88.2	91.9	92.0	92.6	94.8	94.8	95.1	95.4	95.6	95.9	95.9	95.9	96.3
GE 400	7.8	79.0	85.2	88.4	92.1	92.2	93.0	95.3	95.4	95.8	96.4	96.6	96.9	96.9	96.9	97.3
GE 300	7.8	79.0	85.4	88.7	92.3	92.4	93.4	96.4	96.6	97.0	97.7	97.8	98.1	98.1	98.1	98.7
GE 200	7.8	79.0	85.4	88.7	92.3	92.4	93.4	96.4	96.6	97.1	97.8	97.9	98.4	98.4	98.6	99.2
GE 100	7.8	79.0	85.4	88.7	92.3	92.4	93.4	96.4	96.6	97.3	98.0	98.1	98.7	98.7	98.8	100.0
GE 0	7.8	79.0	85.4	88.7	92.3	92.4	93.4	96.4	96.6	97.3	98.0	98.1	98.7	98.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.3	31.3	32.7	34.2	34.9	35.1	35.3	36.1	36.1	36.6	36.6	36.7	36.9	37.0	37.1	37.4
GE 20000	4.3	31.9	33.6	35.1	35.7	36.0	36.2	37.0	37.0	37.4	37.4	37.6	37.8	37.9	38.0	38.6
GE 18000	4.3	31.9	33.6	35.1	35.7	36.0	36.2	37.0	37.0	37.4	37.4	37.6	37.8	37.9	38.0	38.6
GE 16000	4.3	31.9	33.6	35.1	35.7	36.0	36.2	37.0	37.0	37.4	37.4	37.6	37.8	37.9	38.0	38.6
GE 14000	4.3	32.0	33.7	35.2	35.8	36.1	36.3	37.1	37.1	37.6	37.6	37.7	37.9	38.0	38.1	38.7
GE 12000	4.3	32.3	34.0	35.6	36.1	36.4	36.7	37.4	37.4	37.9	37.9	38.0	38.2	38.3	38.4	39.0
GE 10000	4.7	34.7	36.7	38.2	38.8	39.1	39.3	40.1	40.1	40.6	40.6	40.7	40.9	41.0	41.1	41.7
GE 9000	4.7	35.0	37.3	38.9	39.4	39.6	40.0	40.8	40.8	41.2	41.2	41.3	41.6	41.7	41.8	42.3
GE 8000	4.8	37.0	39.8	41.6	42.1	42.4	42.7	43.4	43.4	43.9	43.9	44.0	44.2	44.3	44.4	45.0
GE 7000	4.8	39.0	41.8	43.6	44.1	44.6	44.8	45.6	45.6	46.0	46.0	46.1	46.3	46.4	46.6	47.1
GE 6000	4.8	39.6	42.4	44.2	44.8	45.2	45.4	46.2	46.2	46.7	46.7	46.8	47.0	47.1	47.2	47.8
GE 5000	5.1	42.7	45.7	47.6	48.1	48.6	48.8	49.6	49.6	50.0	50.0	50.1	50.3	50.4	50.6	51.1
GE 4500	5.1	44.6	47.7	49.6	50.1	50.6	50.8	51.6	51.6	52.0	52.0	52.1	52.3	52.4	52.6	53.1
GE 4000	6.1	52.8	57.0	59.7	60.6	61.1	61.3	62.1	62.1	62.6	62.6	62.7	62.9	63.0	63.1	63.7
GE 3500	6.2	55.7	60.7	63.3	64.2	64.8	65.0	65.8	65.8	66.2	66.2	66.3	66.6	66.7	66.8	67.3
GE 3000	6.4	59.7	65.0	67.8	69.1	69.7	69.9	70.7	70.7	71.2	71.2	71.3	71.6	71.7	71.8	72.3
GE 2500	7.2	65.2	70.6	73.9	75.3	75.9	76.1	76.9	76.9	77.4	77.4	77.6	77.8	77.9	78.0	78.6
GE 2000	7.2	69.3	76.1	78.7	80.3	80.9	81.2	82.0	82.0	82.6	82.6	82.7	82.9	83.0	83.1	83.7
GE 1800	7.2	70.0	75.8	79.3	81.1	81.8	82.2	83.0	83.0	83.7	83.7	83.8	84.0	84.1	84.2	84.8
GE 1600	7.2	71.8	78.6	81.6	83.6	84.3	84.8	85.7	85.7	86.3	86.3	86.4	86.7	86.8	86.9	87.4
GE 1400	7.6	73.1	79.3	83.1	85.1	85.9	86.3	87.4	87.4	88.1	88.1	88.2	88.4	88.6	88.7	89.2
GE 1200	7.8	73.5	80.4	84.2	86.9	87.7	88.2	89.3	89.3	90.1	90.1	90.2	90.4	90.6	90.7	91.2
GE 1000	7.9	73.9	80.7	84.4	87.1	87.9	88.6	89.8	89.8	90.6	90.6	90.7	90.9	91.0	91.1	91.7
GE 900	7.9	73.9	80.8	84.9	87.8	88.6	89.3	90.6	90.6	91.3	91.3	91.4	91.7	91.8	91.9	92.4
GE 800	7.9	74.1	81.0	85.1	88.1	88.9	89.7	91.3	91.3	92.3	92.3	92.4	92.7	92.8	92.9	93.4
GE 700	7.9	74.6	81.6	85.7	89.1	89.9	90.9	92.6	92.6	93.6	93.6	93.7	93.9	94.0	94.1	94.7
GE 600	7.9	74.6	81.6	85.7	89.5	90.1	91.2	93.0	93.4	94.4	94.4	94.6	94.8	94.9	95.0	95.6
GE 500	7.9	74.6	81.6	85.7	89.7	90.6	91.8	93.7	94.1	95.1	95.2	95.6	96.0	96.1	96.2	96.8
GE 400	7.9	74.7	81.8	86.0	90.0	90.9	92.2	94.4	94.9	95.9	96.2	96.7	97.3	97.6	97.8	98.4
GE 300	7.9	74.7	81.8	86.0	90.0	90.9	92.2	94.4	94.9	95.9	96.2	96.7	97.3	97.6	97.9	98.9
GE 200	7.9	74.7	81.8	86.0	90.0	90.9	92.3	94.6	95.0	96.2	96.6	97.0	97.7	97.9	98.3	99.6
GE 0	7.9	74.7	81.8	86.0	90.0	90.9	92.3	94.6	95.0	96.2	96.6	97.0	97.7	97.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATION
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726545 STATION NAME: WILMINGTON AFB MI — PERIOD OF RECORD: [illegible] MONTHS: NOV HOURS: [illegible]

CEILING FEET		VISIBILITY IN STATUTE MILES															
		GE 10	GE 6	GE 5	GE 4	GE 3 1/2	GE 3	GE 2 1/2	GE 2	GE 1 3/4	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 3/4	GE 5/8	GE 1/2
NO CEIL	I	3.9	28.6	29.7	31.6	31.[illegible]	32.6	33.2	33.4	33.4	34.1	34.[illegible]	34.[illegible]	34.[illegible]	34.[illegible]	34.[illegible]	34.[illegible]
GE 20000	I	3.9	29.7	30.9	32.4	33.8	34.1	34.3	35.[illegible]	35.[illegible]	35.7	35.9	35.[illegible]	36.0	36.[illegible]	36.[illegible]	36.[illegible]
GE 18000	I	3.9	29.8	30.9	32.6	33.8	34.2	34.9	35.1	35.1	35.[illegible]	36.[illegible]	36.[illegible]	36.1	36.1	36.[illegible]	36.[illegible]
GE 16000	I	3.9	29.9	31.0	32.7	33.7	34.3	35.0	35.2	35.2	35.9	36.1	36.1	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]
GE 14000	I	3.9	30.0	31.1	32.8	33.[illegible]	34.4	35.1	35.3	35.3	36.0	36.[illegible]	36.2	36.3	36.3	36.[illegible]	36.[illegible]
GE 12000	I	3.9	30.3	31.4	33.3	34.7	35.0	35.7	35.9	35.9	36.6	36.8	36.8	36.9	36.[illegible]	37.[illegible]	37.[illegible]
GE 10000	I	3.9	31.7	32.9	34.9	36.[illegible]	36.7	37.[illegible]	37.6	37.6	38.[illegible]	38.8	38.8	38.[illegible]	38.[illegible]	38.[illegible]	38.[illegible]
GE 9000	I	3.9	31.8	33.0	35.0	36.1	36.8	37.4	37.7	37.7	38.3	38.8	38.[illegible]	38.[illegible]	38.[illegible]	38.[illegible]	38.[illegible]
GE 8000	I	4.1	33.3	34.7	36.7	38.0	38.8	39.4	39.8	39.8	40.4	40.8	40.[illegible]	40.[illegible]	40.[illegible]	41.1	41.[illegible]
GE 7000	I	4.1	35.0	36.3	38.4	39.8	40.6	41.2	41.6	41.6	42.3	42.6	42.6	42.7	42.7	42.[illegible]	42.[illegible]
GE 6000	I	4.1	35.2	36.6	39.0	40.3	41.1	41.8	42.1	42.1	42.9	43.1	43.1	43.2	43.[illegible]	43.4	43.[illegible]
GE 5000	I	4.3	37.3	39.3	41.7	43.0	43.8	44.4	44.8	44.8	45.7	45.9	45.[illegible]	46.2	46.[illegible]	46.[illegible]	46.[illegible]
GE 4500	I	4.3	38.8	40.9	43.2	44.6	45.3	46.0	46.4	46.4	47.3	47.6	47.6	47.7	47.7	47.9	48.[illegible]
GE 4000	I	5.7	46.4	49.2	51.9	53.3	54.1	54.9	55.3	55.3	56.[illegible]	56.4	56.4	56.6	56.6	56.[illegible]	57.4
GE 3500	I	5.6	50.8	53.8	56.6	57.9	58.8	59.6	60.0	60.0	60.9	61.1	61.1	61.2	61.2	61.4	61.[illegible]
GE 3000	I	5.7	54.2	57.6	60.6	62.3	63.3	64.1	64.7	64.7	65.6	65.8	65.[illegible]	65.9	65.[illegible]	66.1	66.[illegible]
GE 2500	I	6.2	60.6	64.2	67.4	69.7	70.6	71.9	72.3	72.3	73.2	73.4	73.4	73.6	73.6	73.9	74.4
GE 2000	I	6.2	65.2	69.[illegible]	72.2	74.6	75.7	76.9	77.6	77.6	78.4	78.7	78.7	78.8	78.8	79.[illegible]	79.7
GE 1800	I	6.2	66.2	70.1	73.3	75.8	77.1	78.3	79.0	79.0	79.9	80.1	80.1	80.2	80.2	80.4	81.1
GE 1500	I	6.3	68.9	73.1	76.7	79.1	80.4	81.9	82.6	82.6	83.4	83.8	83.8	83.9	83.9	84.1	84.8
GE 1200	I	6.7	70.2	75.1	78.6	81.[illegible]	82.8	84.3	85.7	85.8	86.9	87.2	87.2	87.3	87.3	87.6	88.[illegible]
GE 1000	I	6.7	73.4	75.4	79.2	82.1	83.6	85.3	86.9	87.1	88.3	88.7	88.7	88.8	88.8	89.[illegible]	89.7
GE 900	I	6.7	73.6	75.6	79.7	82.6	84.0	86.1	87.8	88.0	89.[illegible]	89.6	89.6	89.7	89.7	89.9	90.[illegible]
GE 800	I	6.7	73.6	75.8	79.6	82.9	84.3	86.6	88.2	88.6	89.4	90.1	90.1	90.3	90.3	90.6	91.[illegible]
GE 700	I	6.7	73.8	76.[illegible]	80.2	83.5	85.0	87.3	89.0	89.3	90.9	91.4	91.4	91.7	91.7	91.9	92.7
GE 600	I	6.7	73.8	76.2	80.4	83.9	85.4	88.1	90.0	90.3	91.9	92.4	92.4	92.7	92.[illegible]	93.0	93.[illegible]
GE 500	I	6.7	71.0	76.6	80.8	84.4	86.1	88.8	90.8	91.6	93.1	93.8	93.8	94.0	94.1	94.4	95.2
GE 400	I	6.7	71.2	76.8	81.0	85.[illegible]	86.9	89.7	91.8	92.6	94.1	94.9	94.9	95.1	95.2	95.6	96.3
GE 300	I	6.7	71.3	76.9	81.1	85.1	87.0	90.0	92.9	93.8	95.4	96.3	96.3	96.3	97.0	97.4	98.4
GE 200	I	6.7	71.3	76.9	81.1	85.1	87.0	90.0	93.0	93.9	95.6	96.4	96.4	97.2	97.4	98.0	99.3
GE 100	I	6.7	71.3	76.9	81.1	85.1	87.0	90.0	93.0	93.9	95.6	96.6	96.6	97.3	97.6	98.2	99.7
GE 0	I	6.7	71.3	76.9	81.1	85.1	87.0	90.0	93.0	93.9	95.6	96.6	96.6	97.3	97.6	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

U. S. AIR CLIMATOLOGY WORK UNIT PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
CARLTRC FROM HOURLY OBSERVATIONS
ETL CLIMATOLOGY SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WORCESTER AFB MA PERIOD OF RECORD: 77-6A
MONTH: NOV HOURS(LST): 0900-1100

CEILING	VISIBILITY IN STATUTE MILES															
	GE 2	GE 1	GE 1	GE 1	GE 1	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
GE 20000	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.3	29.5	29.4	29.6	29.6	29.6	29.6	29.6	29.6
GE 15000	33.0	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.4	33.4	33.6	33.6	33.6	33.6
GE 10000	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.6	33.7	33.7	33.8	33.8	33.8	33.8
GE 7000	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.6	33.7	33.7	33.8	33.8	33.8	33.8
GE 5000	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.6	33.6	33.7	33.8	33.8	33.9	33.9	33.9	33.9
GE 3000	34.1	34.3	34.6	34.6	34.8	34.8	34.8	34.8	34.8	34.9	35.0	35.0	35.1	35.1	35.1	35.1
GE 2000	36.4	37.0	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.6	37.7	37.7	37.8	37.8	37.8	37.8
GE 1500	37.7	37.6	37.8	38.0	38.0	38.0	38.0	38.0	38.1	38.2	38.2	38.2	38.3	38.3	38.3	38.3
GE 1000	41.2	41.0	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.6	42.7	42.8	42.9	42.9	42.9	42.9
GE 700	41.2	41.6	43.1	43.3	43.3	43.3	43.3	43.3	43.4	43.6	43.7	43.8	43.8	43.8	43.8	43.8
GE 500	41.4	41.8	43.8	44.0	44.0	44.0	44.0	44.0	44.1	44.2	44.3	44.4	44.4	44.4	44.4	44.4
GE 300	45.3	45.4	45.8	46.0	46.0	46.0	46.0	46.0	46.1	46.3	46.4	46.7	46.7	46.7	46.7	46.7
GE 200	47.4	47.9	48.4	48.8	48.8	48.8	48.8	48.8	48.9	49.1	49.2	49.4	49.4	49.4	49.4	49.4
GE 150	54.2	55.3	56.0	56.4	56.4	56.4	56.4	56.4	56.6	56.8	56.9	57.3	57.3	57.3	57.3	57.3
GE 100	59.1	59.8	60.6	61.0	61.0	61.0	61.0	61.0	61.1	61.3	61.4	61.8	61.8	61.8	61.8	61.8
GE 70	64.1	65.4	66.3	67.0	67.0	67.0	67.0	67.0	67.2	67.6	67.7	68.1	68.1	68.1	68.1	68.1
GE 50	69.1	70.4	71.6	72.2	72.2	72.2	72.2	72.2	72.6	72.9	73.0	73.4	73.4	73.4	73.4	73.4
GE 40	73.7	74.1	75.2	76.1	76.2	76.2	76.2	76.2	76.6	77.0	77.1	77.6	77.6	77.6	77.6	77.6
GE 30	74.1	74.9	76.0	76.9	77.0	77.0	77.0	77.0	77.3	77.8	77.9	78.3	78.3	78.3	78.3	78.3
GE 20	77.1	78.9	80.2	81.2	81.3	81.3	81.3	81.3	81.8	82.2	82.3	82.8	82.8	82.8	82.8	82.8
GE 15	77.7	78.9	83.6	84.7	84.9	84.9	84.9	84.9	85.3	85.9	86.0	86.4	86.4	86.4	86.4	86.4
GE 10	78.0	81.1	84.6	85.7	85.9	85.9	85.9	85.9	86.4	87.3	87.4	87.9	87.9	87.9	87.9	87.9
GE 7	79.1	81.9	85.4	86.6	86.8	86.8	86.8	86.8	87.3	88.2	88.6	89.0	89.0	89.0	89.0	89.0
GE 5	79.6	82.7	86.3	88.0	88.2	88.2	88.2	88.2	88.7	89.7	90.0	90.4	90.4	90.4	90.4	90.4
GE 4	79.8	83.9	86.8	89.0	89.2	89.2	89.2	89.2	89.7	90.8	91.3	92.1	92.2	92.3	92.4	92.4
GE 3	79.8	84.0	87.3	89.4	89.7	89.7	89.7	89.7	90.2	91.4	92.4	93.3	93.4	93.6	93.7	93.7
GE 2	79.8	85.1	88.7	91.4	91.9	91.9	91.9	91.9	92.6	93.7	94.4	95.1	95.4	95.8	95.9	95.9
GE 1	79.8	85.1	88.8	92.1	92.7	92.7	92.7	92.7	93.4	94.7	95.9	96.6	96.7	97.1	97.4	97.4
GE 0	79.8	85.1	88.8	92.4	93.0	93.0	93.0	93.0	93.8	94.7	96.6	97.1	98.4	98.9	99.3	99.8
	79.8	85.1	88.8	92.4	93.0	93.0	93.0	93.0	93.8	94.8	96.7	97.2	98.5	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WOODSMITH AFB MI

PERIOD OF RECORD: 77-82
MONTH: NOV HOURS(LST): 1000-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/16	GE 1/4	GE 0
50 CEIL	26.6	27.7	28.8	29.1	29.4	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 20000	30.1	30.3	31.4	31.6	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 18000	30.1	30.6	31.7	32.0	32.7	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 16000	30.1	30.6	31.7	32.0	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 14000	30.1	30.8	31.9	32.2	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 12000	32.4	32.9	34.0	34.3	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 10000	35.6	35.6	36.7	37.0	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 9000	36.6	36.3	37.4	37.8	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 8000	39.8	40.0	41.2	42.2	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 7000	39.8	41.7	43.4	43.9	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 6000	40.0	42.7	44.6	45.1	45.6	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 5000	46.2	44.6	46.6	47.3	47.8	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 4500	46.4	46.2	48.2	49.0	49.7	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 4000	52.3	52.6	55.1	55.9	56.9	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 3500	55.4	55.6	58.1	59.0	60.2	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 3000	55.6	62.1	64.6	65.6	66.3	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 2500	66.1	67.9	70.6	71.7	72.7	73.1	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7
GE 2000	66.4	71.6	75.0	76.3	77.7	78.0	78.6	78.6	78.7	78.8	79.2	79.2	79.2	79.2	79.2
GE 1500	66.4	72.3	75.4	76.8	78.1	78.4	79.0	79.0	79.1	79.2	79.7	79.7	79.7	79.7	79.7
GE 1000	66.8	74.6	77.9	79.4	81.1	81.4	82.2	82.3	82.4	82.6	83.0	83.0	83.0	83.0	83.0
GE 1500	66.8	75.8	79.6	81.2	83.3	83.7	84.7	84.8	84.9	85.0	85.7	85.7	86.0	86.0	86.0
GE 1200	66.8	76.2	80.6	82.6	84.[illegible]	85.1	86.1	86.2	86.3	86.6	87.2	87.2	87.6	87.6	87.6
GE 1000	66.8	76.8	81.2	83.8	86.1	86.4	87.9	88.0	88.1	88.3	89.0	89.3	89.7	89.7	89.7
GE 900	66.8	76.5	81.5	84.6	87.7	87.3	89.9	89.3	89.4	89.8	90.4	90.8	91.2	91.2	91.2
GE 800	66.8	76.9	81.5	84.8	87.3	87.7	89.6	90.3	90.6	91.0	91.7	92.0	92.4	92.4	92.4
GE 600	66.8	76.9	82.0	84.9	88.[illegible]	90.3	90.6	91.9	92.1	92.6	93.2	93.6	94.0	94.0	94.0
GE 500	66.8	77.2	82.3	85.3	88.8	89.8	91.1	93.7	94.3	95.6	96.2	96.7	97.2	97.2	97.6
GE 400	66.8	77.2	82.4	85.4	88.5	89.1	92.0	95.0	96.7	96.9	97.8	98.2	98.8	98.8	99.1
GE 300	66.8	77.2	82.4	85.4	88.9	89.2	92.1	95.2	96.0	97.2	98.1	98.6	99.2	99.2	99.6
GE 200	66.8	77.2	82.4	85.4	88.9	89.2	92.1	95.6	96.3	97.7	98.6	99.0	99.7	99.7	100.0
GE 100	66.8	77.2	82.4	85.4	88.9	89.2	92.1	95.6	96.3	97.7	98.6	99.0	99.7	99.7	100.0
GE 0	66.8	77.2	82.4	85.4	88.9	89.2	92.1	95.6	96.3	97.7	98.6	99.0	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: [illegible] STATION NAME: [illegible] AFB MI — PERIOD OF RECORD: [illegible]
MONTH: NOV — HOURS(LST): [illegible]

CEILING FT.	VISIBILITY IN STATUTE MILES 10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	7/8	5/8	1/2	3/8	1/4	0
NO CEIL	5.4	28.8	30.1	30.6	30.7	30.8	30.9	31.0	30.8	30.9	30.9	31.0	31.0	31.0	31.0	31.0
GE 20000	5.7	33.7	35.0	35.6	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 18000	5.7	33.7	35.0	35.6	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 16000	5.7	34.6	35.7	36.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 14000	5.7	34.8	36.1	36.7	36.	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 12000	5.8	36.0	37.3	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 10000	4.0	37.3	38.6	39.3	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 9000	4.0	38.6	39.6	40.1	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 8000	4.4	41.2	43.2	43.9	44.	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 7000	4.6	43.2	45.2	45.9	46.	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 6000	4.8	43.9	46.2	47.1	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 5000	4.8	45.3	47.6	48.9	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 4500	5.2	47.0	49.6	50.6	51.2	51.4	51.4	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 4000	5.6	53.7	56.3	57.6	58.4	58.7	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 3500	5.8	56.2	59.0	60.2	61.1	61.3	61.8	61.9	61.9	62.	62.0	62.0	62.0	62.0	62.0	62.0
GE 3000	6.1	62.0	65.2	66.6	67.4	67.7	68.1	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 2500	6.8	67.6	71.3	73.1	74.0	74.3	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 2000	7.0	71.2	75.4	77.3	78.2	78.6	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1800	7.0	71.9	76.1	78.2	79.2	79.6	80.0	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1500	7.3	74.1	78.8	81.6	82.9	83.2	83.8	84.0	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1200	7.4	75.1	79.9	82.9	84.3	84.7	85.4	85.8	85.9	86.2	86.6	86.7	86.9	86.9	86.9	86.9
GE 1000	7.4	75.7	80.6	83.8	85.2	85.9	86.9	87.3	87.4	87.9	88.2	88.3	88.6	88.6	88.6	88.6
GE 900	7.4	75.8	80.7	84.0	85.7	86.3	87.4	88.0	88.1	88.9	89.2	89.3	89.6	89.6	89.6	89.6
GE 800	7.4	76.2	81.1	84.7	87.1	87.9	89.2	90.0	90.2	91.1	91.4	91.6	91.8	91.8	91.9	91.9
GE 700	7.4	76.3	81.2	84.9	87.3	88.1	89.7	90.3	90.6	91.4	91.8	91.9	92.1	92.1	92.2	92.2
GE 600	7.4	76.3	81.2	85.2	87.7	88.6	90.7	91.9	92.4	93.3	93.7	94.0	94.3	94.3	94.1	94.1
GE 500	7.4	76.3	81.2	85.3	88.1	89.2	91.4	92.9	94.2	95.8	96.2	96.3	96.6	96.6	96.8	96.8
GE 400	7.4	76.3	81.2	85.3	88.2	89.6	92.0	93.9	95.8	97.6	98.0	98.1	98.3	98.3	98.7	98.7
GE 300	7.4	76.3	81.2	85.3	88.2	89.6	92.0	93.9	96.0	98.0	98.7	98.8	99.0	99.0	99.3	99.3
GE 200	7.4	76.3	81.2	85.3	88.2	89.6	92.0	93.9	96.0	98.0	98.7	98.8	99.3	99.3	99.7	99.7
GE 100	7.4	76.3	81.2	85.3	88.2	89.6	92.0	93.9	96.0	98.0	98.7	98.8	99.1	99.6	100.0	100.0
GE 0	7.4	76.3	81.2	85.3	88.2	89.6	92.0	93.9	96.0	98.0	98.7	98.8	99.1	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

USAF ETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1800-2000

CEILING							VISIBILITY IN STATUTE MILES									
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	3.2	29.6	30.[illegible]	31.0	31.7	31.8	31.9	32.2	32.2	32.3	32.3	32.3	32.3	32.4	32.6	32.6
GE 20000	4.2	34.1	35.[illegible]	36.[illegible]	36.[illegible]	37.0	37.1	37.4	37.4	37.6	37.6	37.6	37.6	37.7	37.8	37.8
GE 18000	4.[illegible]	34.1	35.[illegible]	36.2	36.[illegible]	37.0	37.1	37.4	37.4	37.6	37.6	37.6	37.6	37.7	37.8	37.8
GE 16000	4.[illegible]	34.7	35.2	36.4	37.1	37.2	37.3	37.7	37.7	37.8	37.9	37.8	37.9	37.9	38.0	38.0
GE 14000	4.[illegible]	34.[illegible]	35.4	36.7	37.[illegible]	37.4	37.6	37.9	37.9	38.0	38.0	38.0	38.0	38.1	38.2	38.2
GE 12000	4.[illegible]	35.[illegible]	36.[illegible]	38.[illegible]	38.7	38.6	38.9	39.2	39.2	39.3	39.3	39.3	39.3	39.4	39.6	39.6
GE 10000	4.[illegible]	37.0	38.7	39.[illegible]	40.[illegible]	40.7	40.8	41.1	41.1	41.2	41.2	41.2	41.3	41.4	41.6	41.6
GE 9000	4.[illegible]	38.4	39.6	40.8	41.4	41.6	41.7	42.0	42.0	42.1	42.1	42.1	42.2	42.3	42.4	42.4
GE 8000	4.4	41.1	42.4	43.[illegible]	44.[illegible]	44.7	44.8	45.1	45.1	45.2	45.2	45.2	45.3	45.4	45.6	45.6
GE 7000	4.4	42.[illegible]	44.[illegible]	45.6	46.4	46.6	46.7	47.0	47.0	47.1	47.1	47.1	47.2	47.3	47.4	47.4
GE 6000	4.4	43.7	45.1	46.6	47.[illegible]	47.3	47.4	48.0	48.0	48.1	48.1	48.1	48.2	48.3	48.4	48.4
GE 5000	5.4	45.3	47.[illegible]	48.6	49.[illegible]	49.4	49.6	50.2	50.2	50.3	50.3	50.3	50.4	50.6	50.7	50.7
GE 4500	5.8	47.6	49.4	51.0	51.[illegible]	52.0	52.1	52.8	52.8	52.9	52.9	52.9	53.0	53.1	53.2	53.2
GE 4000	5.6	53.3	55.[illegible]	[illegible]	56.[illegible]	58.2	58.7	59.6	59.8	59.9	59.9	59.9	60.0	60.1	60.2	60.2
GE 3500	[illegible]	56.4	58.[illegible]	59.[illegible]	61.[illegible]	61.4	62.1	63.2	63.2	63.3	63.3	63.3	63.4	63.6	63.7	63.7
GE 3000	6.6	61.[illegible]	64.1	66.1	67.6	67.7	68.[illegible]	69.4	69.4	69.6	69.6	69.6	69.7	69.8	69.9	69.9
GE 2500	6.7	66.[illegible]	69.[illegible]	71.[illegible]	72.[illegible]	73.0	73.7	74.9	74.9	75.0	75.0	75.0	75.1	75.2	75.3	75.3
GE 2000	7.6	72.4	7[illegible]	7[illegible].6	77.6	77.7	79.5	79.6	79.6	79.7	79.7	79.7	79.8	79.9	80.0	80.0
GE 1800	7.7	73.3	74.[illegible]	76.6	78.6	78.7	79.3	80.6	80.6	81.1	81.1	81.1	81.2	81.3	81.4	81.4
GE 1500	7.7	73.1	77.[illegible]	80.1	82.[illegible]	82.4	83.2	84.6	84.9	85.4	85.4	85.4	85.6	85.7	85.8	85.8
GE 1200	7.7	73.8	78.1	81.[illegible]	83.[illegible]	83.4	84.3	85.9	86.2	86.9	86.9	86.9	87.0	87.1	87.2	87.2
GE 1000	7.7	74.3	7[illegible]	81.0	84.[illegible]	84.2	85.1	86.7	87.0	87.7	87.7	87.7	87.8	87.9	88.0	88.0
GE 900	7.7	74.[illegible]	79.[illegible]	82.1	84.[illegible]	84.6	86.1	88.0	88.4	89.1	89.1	89.1	89.2	89.3	89.4	89.4
GE 800	7.7	74.[illegible]	79.[illegible]	82.4	85.[illegible]	86.2	87.6	89.7	90.3	91.2	91.2	91.2	91.3	91.4	91.9	91.9
GE 700	7.7	74.6	79.[illegible]	82.[illegible]	86.6	87.0	88.9	90.6	91.2	92.1	92.1	92.1	92.2	92.3	92.8	92.8
GE 600	7.7	74.6	80.[illegible]	83.1	86.7	87.1	89.3	91.6	92.6	93.4	93.4	93.4	93.6	93.7	94.1	94.1
GE 500	7.7	74.8	80.[illegible]	83.3	87.[illegible]	88.[illegible]	89.9	92.4	93.6	94.4	94.4	94.4	94.6	94.7	95.1	95.1
GE 400	7.7	74.8	80.[illegible]	83.3	87.1	88.9	90.8	94.2	95.6	96.7	96.9	96.9	97.1	97.2	97.7	97.7
GE 300	7.7	74.8	80.[illegible]	83.3	87.[illegible]	89.0	91.[illegible]	94.6	96.4	97.6	98.4	98.4	98.7	98.8	99.2	99.2
GE 200	7.7	74.8	80.[illegible]	83.3	87.[illegible]	89.0	91.0	94.9	96.8	98.2	99.0	99.0	99.4	99.6	100.0	100.0
GE 100	7.7	74.8	80.[illegible]	83.3	87.[illegible]	89.0	91.0	94.9	96.8	98.2	99.0	99.0	99.4	99.6	100.0	100.0
GE 0	7.7	74.8	80.[illegible]	83.3	87.[illegible]	89.0	91.0	94.9	96.8	98.2	99.0	99.0	99.4	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(EST): 2100-2300

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
	VISIBILITY IN STATUTE MILES															
0 CEIL	30.3	31.0	32.3	33.2	33.9	33.9	34.0	34.3	34.3	34.4	34.4	34.4	34.7	34.7	35.0	35.4
GE 20000	34.4	34.0	35.7	36.6	37.4	37.4	37.6	37.9	37.9	38.0	38.0	38.0	38.2	38.2	38.6	39.0
GE 18000	34.4	34.0	35.7	36.6	37.4	37.4	37.6	37.9	37.9	38.0	38.0	38.0	38.2	38.2	38.6	39.0
GE 16000	34.4	34.3	36.0	37.1	37.4	37.8	37.9	38.2	38.2	38.3	38.3	38.3	38.6	38.6	38.9	39.3
GE 14000	34.4	34.8	36.4	37.6	38.2	38.2	38.3	38.7	38.7	38.8	38.8	38.8	39.0	39.0	39.3	39.8
GE 12000	34.7	36.2	37.9	39.0	39.7	39.7	39.8	40.1	40.1	40.2	40.2	40.2	40.4	40.4	40.8	41.2
GE 10000	34.9	38.0	39.8	40.9	41.6	41.6	41.7	42.0	42.0	42.1	42.1	42.1	42.3	42.3	42.7	43.1
GE 9000	34.9	38.4	40.2	41.3	42.0	42.0	42.1	42.4	42.4	42.6	42.6	42.6	42.8	42.8	43.1	43.6
GE 8000	34.6	41.2	43.0	44.1	44.8	44.8	44.9	45.2	45.2	45.3	45.3	45.3	45.6	45.6	45.9	46.3
GE 7000	34.6	43.0	44.8	45.9	46.6	46.6	46.7	47.0	47.0	47.1	47.1	47.1	47.3	47.3	47.7	48.1
GE 6000	34.8	44.0	45.8	46.9	47.6	47.6	47.7	48.0	48.0	48.1	48.1	48.1	48.3	48.3	48.7	49.1
GE 5000	34.8	45.9	47.7	49.0	49.7	49.7	49.8	50.1	50.1	50.2	50.2	50.2	50.4	50.4	50.8	51.2
GE 4500	35.2	47.8	50.0	51.3	52.3	52.3	52.6	53.0	53.0	53.1	53.1	53.1	53.3	53.3	53.7	54.1
GE 4000	35.8	55.0	57.3	59.0	60.1	60.1	60.3	60.8	60.8	60.9	60.9	60.9	61.1	61.1	61.4	61.9
GE 3500	35.8	59.1	61.4	63.1	64.2	64.2	64.6	65.0	65.0	65.1	65.1	65.1	65.3	65.3	65.7	66.1
GE 3000	35.9	63.7	66.4	68.4	69.8	69.8	70.3	70.8	71.0	71.1	71.1	71.1	71.3	71.3	71.7	72.1
GE 2500	36.2	67.9	70.9	73.0	74.3	74.3	75.0	75.4	75.7	75.8	75.9	75.8	76.0	76.0	76.3	76.8
GE 2000	36.3	71.9	75.2	77.4	79.3	79.3	80.0	80.4	80.7	80.8	80.8	80.8	81.0	81.0	81.3	81.8
GE 1800	36.6	73.1	76.4	78.9	80.9	80.9	81.6	82.2	82.4	82.6	82.6	82.6	82.8	82.8	83.1	83.6
GE 1500	36.8	74.9	78.7	81.6	83.9	84.0	85.0	85.8	86.1	86.2	86.3	86.3	86.6	86.6	86.9	87.3
GE 1200	36.9	75.2	79.2	82.6	84.9	85.1	86.1	86.9	87.2	87.6	87.7	87.7	88.0	88.0	88.3	88.8
GE 1000	36.9	75.8	79.8	83.1	85.3	86.0	87.0	87.8	88.1	88.4	88.6	88.6	88.9	88.9	89.2	89.7
GE 900	36.9	75.8	79.9	83.2	85.9	86.1	87.2	88.0	88.3	88.7	88.8	88.8	89.1	89.1	89.4	89.9
GE 800	36.9	75.9	80.4	84.1	87.4	87.7	89.0	89.9	90.2	90.6	90.7	90.7	91.0	91.0	91.4	91.9
GE 700	36.9	76.4	81.1	84.9	88.4	88.7	90.0	90.9	91.4	91.8	91.9	91.9	92.4	92.4	92.9	93.3
GE 600	36.9	76.4	81.3	85.1	88.7	88.9	90.3	91.2	91.9	92.3	92.4	92.4	93.3	93.3	93.8	94.2
GE 500	36.9	76.4	81.6	85.3	88.7	89.6	91.0	92.1	92.8	93.2	93.6	93.6	94.4	94.4	94.9	95.3
GE 400	36.9	76.4	81.7	85.7	89.3	89.9	91.3	92.6	93.6	94.1	94.6	94.6	95.4	95.4	95.9	96.3
GE 300	36.9	76.4	81.7	85.7	89.3	90.2	92.0	93.6	95.6	96.2	96.9	96.9	97.8	97.8	98.2	98.7
GE 200	36.9	76.4	81.7	85.7	89.3	90.2	92.0	93.6	95.6	96.3	97.2	97.2	98.4	98.8	99.2	99.8
GE 100	36.9	76.4	81.7	85.7	89.3	90.2	92.0	93.6	95.6	96.3	97.2	97.3	98.6	98.9	99.3	100.0
GE 0	36.9	76.4	81.7	85.7	89.3	90.2	92.0	93.6	95.6	96.3	97.2	97.3	98.6	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(EST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	3.5	29.2	30.4	31.3	31.9	32.1	32.3	32.6	32.6	32.8	32.8	32.8	33.0	33.0	33.1	33.3
GE 20000	3.7	32.6	33.4	34.4	35.1	35.2	35.4	35.8	35.8	35.9	36.0	36.0	36.2	36.2	36.3	36.5
GE 18000	3.7	32.6	33.4	34.5	35.1	35.3	35.5	35.8	35.8	36.0	36.1	36.1	36.2	36.3	36.3	36.6
GE 16000	3.7	32.2	33.6	34.6	35.3	35.4	35.6	36.0	36.0	36.1	36.2	36.2	36.3	36.4	36.5	36.7
GE 14000	3.7	32.5	33.8	34.9	35.5	35.7	35.9	36.3	36.3	36.4	36.5	36.5	36.6	36.7	36.8	37.0
GE 12000	3.9	33.5	34.9	36.0	36.6	36.8	37.0	37.3	37.3	37.5	37.6	37.6	37.7	37.8	37.9	38.1
GE 10000	4.0	35.7	37.2	38.3	39.0	39.1	39.3	39.7	39.7	39.8	39.9	39.9	40.1	40.1	40.2	40.4
GE 9000	4.0	36.2	37.9	38.9	39.6	39.8	40.0	40.3	40.3	40.5	40.6	40.6	40.7	40.8	40.8	41.1
GE 8000	4.4	39.1	41.0	42.2	42.9	43.1	43.3	43.7	43.7	43.9	43.9	44.0	44.1	44.1	44.2	44.5
GE 7000	4.4	40.7	42.7	43.9	44.6	44.8	45.1	45.4	45.4	45.6	45.7	45.7	45.8	45.9	46.0	46.2
GE 6000	4.5	41.3	43.5	44.8	45.5	45.8	46.0	46.3	46.3	46.5	46.6	46.6	46.8	46.8	46.9	47.2
GE 5000	4.6	43.4	45.8	47.2	48.1	48.2	48.5	48.8	48.8	49.1	49.1	49.2	49.3	49.3	49.4	49.7
GE 4500	4.8	45.3	47.6	49.2	50.2	50.4	50.7	51.2	51.2	51.4	51.5	51.5	51.7	51.7	51.8	52.0
GE 4000	5.7	52.3	55.2	56.9	58.1	58.4	58.8	59.3	59.3	59.5	59.6	59.6	59.8	59.8	59.9	60.2
GE 3500	5.8	55.8	59.6	60.6	61.9	62.2	62.7	63.2	63.2	63.4	63.5	63.5	63.7	63.8	63.8	64.1
GE 3000	6.1	60.8	64.2	66.2	67.6	68.0	68.5	69.1	69.1	69.4	69.5	69.5	69.7	69.7	69.8	70.1
GE 2500	6.6	65.8	69.5	71.7	73.3	73.7	74.3	74.9	74.9	75.2	75.3	75.4	75.5	75.6	75.7	76.0
GE 2000	6.8	69.5	73.6	76.0	77.4	78.2	78.8	79.5	79.6	79.9	80.0	80.1	80.3	80.3	80.4	80.7
GE 1800	6.9	70.3	74.5	76.9	78.8	79.3	79.9	80.6	80.7	81.1	81.2	81.3	81.5	81.5	81.6	81.8
GE 1500	7.1	72.7	77.3	80.1	82.1	82.6	83.5	84.3	84.4	84.8	85.0	85.0	85.2	85.3	85.3	85.6
GE 1200	7.3	73.7	78.5	81.5	83.8	84.3	85.3	86.3	86.4	86.9	87.2	87.3	87.5	87.6	87.7	87.9
GE 1000	7.3	74.2	79.2	82.3	84.8	85.4	86.5	87.5	87.7	88.2	88.5	88.6	88.8	88.9	89.0	89.2
GE 900	7.3	74.3	79.5	82.8	85.3	85.9	87.2	88.3	88.5	89.1	89.4	89.5	89.8	89.8	89.9	90.2
GE 800	7.3	74.4	79.8	83.4	86.5	86.9	88.4	89.6	89.9	90.5	90.8	91.0	91.3	91.3	91.5	91.7
GE 700	7.3	74.7	80.2	83.8	86.9	87.5	89.1	90.6	90.9	91.6	92.0	92.2	92.5	92.6	92.8	93.0
GE 600	7.3	74.8	80.4	84.0	87.3	88.1	89.9	91.6	92.0	92.6	93.2	93.4	93.8	93.8	94.0	94.3
GE 500	7.3	74.9	80.6	84.2	87.6	88.5	90.5	92.5	93.1	94.2	94.7	94.9	95.3	95.4	95.7	96.0
GE 400	7.3	74.9	80.6	84.3	87.9	89.0	91.1	93.5	94.3	95.5	96.1	96.3	96.8	96.9	97.2	97.5
GE 300	7.3	75.0	80.7	84.4	88.1	89.2	91.4	94.2	95.2	96.5	97.3	97.5	98.2	98.3	98.6	99.0
GE 200	7.3	75.0	80.7	84.4	88.1	89.2	91.4	94.3	95.4	96.7	97.6	97.8	98.5	98.7	99.1	99.6
GE 100	7.3	75.0	80.7	84.4	88.1	89.2	91.5	94.3	95.4	96.8	97.7	97.9	98.7	98.8	99.3	99.9
GE 0	7.3	75.0	80.7	84.4	88.1	89.2	91.5	94.3	95.4	96.8	97.7	97.9	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 7260

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-0200

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
	VISIBILITY IN STATUTE MILES															
NO CEIL	29.5	29.2	29.6	29.6	29.8	29.8	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0
GE 20000	29.8	31.2	31.5	31.5	31.7	31.7	31.8	31.9	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0
GE 18000	29.8	31.3	31.6	31.6	31.8	31.8	31.9	32.0	32.0	32.0	32.2	32.2	32.2	32.2	32.2	32.2
GE 16000	29.8	31.3	31.6	31.6	31.8	31.8	31.9	32.0	32.0	32.0	32.2	32.2	32.2	32.2	32.2	32.2
GE 14000	29.9	31.8	32.2	32.2	32.4	32.4	32.5	32.6	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7
GE 12000	29.9	32.0	32.4	32.4	32.6	32.6	32.7	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9
GE 10000	29.9	32.7	33.1	33.1	33.3	33.3	33.5	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9
GE 9000	29.9	33.0	33.4	33.4	33.7	33.7	33.9	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2
GE 8000	30.6	35.2	35.6	35.6	35.9	35.9	36.1	36.3	36.3	36.3	36.6	36.6	36.6	36.6	36.6	36.6
GE 7000	30.9	36.1	36.7	36.8	37.1	37.1	37.3	37.5	37.5	37.5	37.7	37.7	37.7	37.7	37.7	37.7
GE 6000	30.9	37.6	38.4	38.5	38.9	38.8	39.0	39.2	39.2	39.2	39.5	39.5	39.5	39.5	39.5	39.5
GE 5000	37.2	40.3	41.0	41.1	41.4	41.4	41.7	41.9	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2
GE 4500	37.3	41.7	42.5	42.6	42.9	42.9	43.2	43.5	43.5	43.5	43.8	43.8	43.8	43.8	43.8	43.8
GE 4000	37.8	48.0	48.9	49.1	49.7	49.9	50.2	50.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	50.8
GE 3500	38.1	51.3	52.7	53.0	53.5	53.8	54.1	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6
GE 3000	38.4	56.8	58.5	58.9	60.1	60.3	60.8	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3
GE 2500	38.4	60.6	63.0	63.0	65.3	65.5	65.9	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5
GE 2000	38.7	66.5	69.0	69.8	72.2	72.6	73.3	74.1	74.1	74.1	74.3	74.3	74.4	74.4	74.4	74.4
GE 1800	38.9	67.4	70.0	70.9	73.5	73.7	74.5	75.3	75.3	75.3	75.5	75.5	75.6	75.6	75.6	75.6
GE 1500	39.5	70.4	73.5	75.1	78.2	79.1	80.3	81.5	81.9	81.9	82.2	82.2	82.3	82.3	82.3	82.3
GE 1200	39.5	71.3	74.5	76.0	79.1	80.1	81.3	82.9	83.4	83.4	83.7	83.7	83.8	83.8	83.8	83.8
GE 1000	39.2	72.6	76.3	78.3	81.5	83.1	84.8	86.7	87.5	87.5	87.7	87.7	87.8	88.1	88.1	88.1
GE 900	39.2	72.9	76.7	78.6	82.2	83.4	85.2	87.0	87.8	88.0	88.2	88.2	88.3	88.5	88.5	88.5
GE 800	39.2	73.3	77.1	79.1	82.8	84.1	86.0	88.0	88.8	89.1	89.5	89.5	89.6	89.8	89.8	89.8
GE 700	39.2	74.0	77.8	80.0	83.9	85.2	87.1	89.6	90.4	90.8	91.1	91.1	91.2	91.4	91.4	91.4
GE 600	39.2	74.0	77.8	80.1	84.2	85.6	87.8	90.3	91.2	91.5	91.8	91.8	91.9	92.2	92.4	92.4
GE 500	39.2	74.0	77.8	80.1	84.5	86.0	88.5	91.3	92.3	92.9	93.3	93.3	93.4	93.7	93.9	93.9
GE 400	39.2	74.0	77.8	80.1	84.5	86.2	89.0	92.3	93.5	94.4	94.8	94.8	94.9	95.2	95.4	95.4
GE 300	39.2	74.0	77.8	80.1	84.7	86.3	89.2	93.1	94.8	96.0	96.5	96.5	96.6	96.8	97.0	97.3
GE 200	39.2	74.0	77.8	80.1	84.7	86.3	89.5	93.3	95.1	96.6	97.2	97.4	97.8	98.1	98.4	98.7
GE 100	39.2	74.0	77.8	80.1	84.7	86.3	89.5	93.4	95.2	97.0	97.7	98.2	98.6	98.6	99.1	99.8
GE 0	39.2	74.0	77.8	80.1	84.7	86.3	89.5	93.4	95.2	97.0	97.7	98.2	98.6	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.0	28.3	28.5	28.6	28.6	28.7	28.8	28.8	28.8	28.8	29.0	29.0	29.0	29.0	29.0	29.0
GE 20000	4.7	29.7	29.9	30.0	30.0	30.1	30.2	30.4	30.4	30.4	30.6	30.6	30.6	30.6	30.6	30.6
GE 18000	4.7	29.8	30.0	30.1	30.1	30.2	30.3	30.5	30.5	30.5	30.8	30.8	30.8	30.8	30.8	30.8
GE 16000	4.7	29.8	30.0	30.1	30.1	30.2	30.3	30.5	30.5	30.5	30.8	30.8	30.8	30.8	30.8	30.8
GE 14000	4.7	30.0	30.2	30.3	30.3	30.4	30.5	30.8	30.8	30.8	31.0	31.0	31.0	31.0	31.0	31.0
GE 12000	4.7	30.2	30.4	30.5	30.5	30.6	30.8	31.2	31.2	31.2	31.4	31.4	31.4	31.4	31.4	31.4
GE 10000	4.7	31.0	31.2	31.3	31.4	31.5	31.6	32.0	32.0	32.0	32.3	32.3	32.4	32.4	32.4	32.4
GE 9000	4.9	31.7	31.9	32.0	32.2	32.3	32.4	32.8	32.8	32.8	33.0	33.0	33.1	33.1	33.1	33.1
GE 8000	5.3	33.3	33.5	33.7	33.8	33.9	34.0	34.4	34.4	34.4	34.6	34.6	34.7	34.7	34.7	34.7
GE 7000	5.6	34.4	34.6	34.9	35.1	35.2	35.3	35.7	35.7	35.7	35.9	35.9	36.0	36.0	36.0	36.0
GE 6000	5.6	35.8	36.0	36.3	36.5	36.6	36.7	37.1	37.1	37.1	37.3	37.3	37.4	37.4	37.4	37.4
GE 5000	5.8	38.6	39.1	39.5	39.6	39.7	39.8	40.2	40.2	40.2	40.4	40.4	40.5	40.5	40.5	40.5
GE 4500	6.1	40.1	40.4	40.9	41.0	41.1	41.2	41.6	41.6	41.6	41.8	41.8	41.9	41.9	41.9	41.9
GE 4000	7.1	47.0	47.4	47.8	48.5	48.6	48.8	49.2	49.2	49.2	49.5	49.5	49.6	49.6	49.6	49.6
GE 3500	7.5	50.3	51.0	51.7	52.7	52.8	53.0	53.4	53.4	53.4	53.7	53.7	53.8	53.8	53.8	53.8
GE 3000	8.0	56.9	57.6	58.4	59.5	59.6	59.8	60.3	60.3	60.3	60.5	60.5	60.6	60.6	60.6	60.6
GE 2500	8.2	61.8	63.0	64.2	65.3	65.4	65.6	66.1	66.1	66.1	66.3	66.3	66.5	66.5	66.5	66.5
GE 2000	8.3	67.2	68.6	70.2	71.7	71.9	72.2	72.9	72.9	72.9	73.1	73.1	73.2	73.2	73.2	73.2
GE 1500	8.4	67.7	69.1	70.9	72.7	72.9	73.1	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.3	74.3
GE 1000	8.4	70.1	71.7	74.3	76.9	77.3	77.8	78.8	79.0	79.1	79.4	79.4	79.6	79.6	79.7	79.7
GE 1200	8.4	71.6	73.4	76.0	78.8	79.2	80.2	81.4	81.6	81.7	81.9	81.9	82.2	82.2	82.3	82.3
GE 1000	8.4	73.3	75.2	78.2	81.2	81.8	83.1	84.6	85.2	85.3	85.5	85.5	85.8	85.8	85.9	85.9
GE 900	8.4	73.4	75.4	78.5	81.7	82.4	83.7	85.5	86.0	86.5	86.7	86.7	87.0	87.0	87.1	87.1
GE 800	8.4	74.1	76.1	79.5	83.1	83.9	85.6	88.0	88.6	89.0	89.4	89.4	89.7	89.7	89.8	89.8
GE 700	8.4	74.2	76.3	79.7	83.7	84.5	86.2	88.9	89.9	90.4	90.9	90.9	91.2	91.2	91.3	91.3
GE 600	8.4	74.2	76.3	79.7	83.7	84.6	86.5	89.1	90.1	90.6	91.2	91.2	91.5	91.5	91.6	91.6
GE 500	8.4	74.2	76.3	79.7	83.7	84.6	86.9	90.4	91.4	92.5	92.9	92.9	93.3	93.3	93.4	93.4
GE 400	8.4	74.2	76.3	80.0	84.3	85.2	88.2	92.0	93.0	94.4	94.8	94.8	95.4	95.4	95.5	95.5
GE 300	8.4	74.2	76.3	80.0	84.4	85.3	88.7	93.2	94.5	96.1	96.6	96.6	97.1	97.1	97.2	97.5
GE 200	8.4	74.2	76.3	80.0	84.4	85.3	88.7	93.2	94.5	96.2	96.9	96.9	97.7	98.1	98.2	98.7
GE 100	8.4	74.2	76.3	80.0	84.4	85.3	88.7	93.2	94.5	96.5	97.2	97.3	98.2	98.8	98.9	99.9
GE 0	8.4	74.2	76.3	80.0	84.4	85.3	88.7	93.2	94.5	96.5	97.2	97.3	98.2	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.6	23.9	24.2	24.3	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.6	24.6	24.6	25.3
GE 20000	4.9	24.9	25.3	25.5	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.8	25.8	25.8	26.5
GE 18000	4.9	24.9	25.3	25.5	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.8	25.8	25.8	26.5
GE 16000	4.9	24.9	25.3	25.5	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.8	25.8	25.8	26.5
GE 14000	4.9	24.9	25.3	25.5	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.9	25.9	25.9	26.6
GE 12000	4.9	25.6	25.9	26.1	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.6	26.6	26.6	27.2
GE 10000	5.1	26.6	26.9	27.1	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.5	27.5	28.2
GE 9000	5.1	27.6	28.0	28.2	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.6	28.6	28.6	29.2
GE 8000	5.5	29.0	29.4	29.7	30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.2	30.2	30.2	30.9
GE 7000	5.9	30.4	31.1	31.3	31.6	31.6	31.6	31.7	31.7	31.7	31.8	31.9	32.0	32.0	32.0	32.7
GE 6000	5.9	31.6	32.3	32.5	32.8	32.8	32.8	32.9	32.9	32.9	33.0	33.1	33.2	33.2	33.2	33.9
GE 5000	5.9	34.5	35.3	35.5	35.8	35.8	35.8	35.9	36.0	36.0	36.1	36.2	36.3	36.3	36.3	37.0
GE 4500	6.1	35.8	36.7	36.9	37.4	37.4	37.4	37.5	37.6	37.6	37.7	37.8	38.0	38.0	38.0	38.6
GE 4000	6.7	42.8	44.1	44.4	45.7	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.5	46.5	46.5	47.1
GE 3500	7.1	45.6	47.3	47.7	49.2	49.2	49.4	49.5	49.6	49.7	49.8	49.9	50.0	50.0	50.0	50.6
GE 3000	7.4	51.2	53.0	53.6	55.9	55.9	56.0	56.1	56.2	56.3	56.5	56.6	56.7	56.7	56.7	57.3
GE 2500	7.4	56.3	59.2	60.2	62.7	62.8	63.0	63.1	63.2	63.3	63.4	63.5	63.7	63.7	63.7	64.3
GE 2000	7.5	61.5	64.9	66.5	69.1	69.2	69.5	69.8	69.9	70.1	70.2	70.3	70.4	70.4	70.4	71.1
GE 1800	7.6	62.7	66.1	67.7	70.9	70.9	71.2	71.5	71.6	71.8	71.9	72.0	72.2	72.2	72.2	72.8
GE 1500	7.7	65.8	69.4	72.4	75.8	76.2	77.2	78.3	78.6	79.0	79.2	79.4	79.5	79.5	79.5	80.1
GE 1200	7.7	67.1	71.2	73.8	77.4	78.1	79.4	80.4	80.9	81.4	81.6	81.7	81.8	81.8	81.8	82.5
GE 1000	7.7	69.5	73.7	76.3	80.2	80.9	82.8	84.2	84.6	85.2	85.4	85.5	85.6	85.6	85.7	86.3
GE 900	7.7	69.8	74.1	76.8	80.9	81.4	83.3	84.9	85.5	86.1	86.3	86.5	86.6	86.6	86.7	87.3
GE 800	7.7	70.0	74.4	77.5	81.7	82.4	84.3	86.2	86.8	87.4	87.6	87.7	87.8	87.8	88.0	88.6
GE 700	7.7	70.2	74.8	78.0	82.2	82.8	84.8	87.2	88.1	88.7	89.0	89.1	89.2	89.2	89.5	90.1
GE 600	7.7	70.3	74.9	78.1	82.5	83.1	85.5	88.1	89.1	89.6	90.1	90.2	90.3	90.3	90.5	91.2
GE 500	7.7	70.3	74.9	78.2	82.9	83.5	86.0	89.6	90.8	91.8	92.2	92.4	92.5	92.5	92.7	93.3
GE 400	7.7	70.3	74.9	78.2	83.1	83.8	86.5	90.3	91.6	93.1	93.5	93.8	93.9	93.9	94.1	94.8
GE 300	7.7	70.3	75.3	78.5	83.4	84.2	87.1	91.8	93.2	94.7	95.4	95.6	95.8	95.8	96.0	97.1
GE 200	7.7	70.3	75.3	78.5	83.4	84.2	87.1	91.8	93.2	94.7	95.4	95.6	95.9	96.1	96.7	97.7
GE 100	7.7	70.3	75.3	78.5	83.4	84.3	87.3	92.0	93.7	95.3	95.9	96.1	96.5	96.9	97.6	99.4
GE 0	7.7	70.3	75.3	78.5	83.4	84.3	87.3	92.0	93.7	95.3	95.9	96.1	96.5	96.9	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WOODSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	19.2	19.8	19.8	19.8	20.0	20.1	20.1	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.6
GE 20000	19.2	22.7	22.7	22.7	22.9	23.0	23.0	23.2	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.7
GE 18000	19.4	23.0	23.0	23.0	23.2	23.3	23.3	23.5	23.7	23.7	23.7	23.8	23.8	23.8	23.8	24.0
GE 16000	19.4	23.0	23.0	23.0	23.2	23.3	23.3	23.5	23.7	23.7	23.7	23.8	23.8	23.8	23.8	24.0
GE 14000	19.6	23.7	23.7	23.7	23.9	24.0	24.0	24.2	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.6
GE 12000	19.7	24.5	24.5	24.5	24.7	24.8	24.8	25.1	25.2	25.2	25.2	25.3	25.3	25.3	25.3	25.5
GE 10000	19.7	26.5	26.6	26.6	26.8	26.9	26.9	27.2	27.3	27.3	27.3	27.6	27.6	27.6	27.6	27.8
GE 9000	19.7	26.8	26.9	26.9	27.2	27.3	27.3	27.6	27.7	27.7	27.7	28.1	28.1	28.1	28.1	28.3
GE 8000	19.9	28.1	28.4	28.4	28.7	28.8	28.8	29.1	29.2	29.2	29.2	29.6	29.6	29.6	29.6	29.8
GE 7000	19.9	29.7	30.2	30.3	30.6	30.8	30.8	31.1	31.2	31.2	31.2	31.5	31.5	31.5	31.5	31.7
GE 6000	19.6	30.5	31.1	31.2	31.8	31.9	31.9	32.3	32.4	32.4	32.4	32.7	32.7	32.7	32.7	32.9
GE 5000	19.7	34.0	34.5	34.8	35.6	35.7	35.8	36.1	36.2	36.2	36.2	36.6	36.6	36.6	36.6	36.8
GE 4500	19.0	36.5	37.0	37.6	38.5	38.6	38.7	39.0	39.1	39.1	39.1	39.5	39.5	39.5	39.5	39.7
GE 4000	19.7	42.4	43.2	44.0	45.2	45.3	45.6	46.1	46.2	46.2	46.2	46.6	46.6	46.6	46.6	46.8
GE 3500	17.1	45.3	46.1	47.1	48.5	48.6	48.9	49.7	49.8	49.9	49.9	50.2	50.2	50.2	50.2	50.4
GE 3000	17.2	49.5	51.1	52.5	54.6	54.7	55.2	56.5	56.7	57.1	57.2	57.5	57.5	57.5	57.5	57.7
GE 2500	17.4	54.3	56.5	58.1	60.5	61.1	61.8	63.1	63.3	63.8	63.9	64.2	64.2	64.2	64.2	64.4
GE 2000	17.5	58.6	61.4	63.2	66.9	67.4	68.4	70.0	70.3	70.8	70.9	71.2	71.2	71.2	71.2	71.4
GE 1800	17.5	59.1	62.0	63.9	67.6	68.3	69.4	71.0	71.3	71.8	71.9	72.3	72.3	72.3	72.3	72.5
GE 1500	18.0	61.1	64.3	66.5	70.5	71.3	73.0	75.2	75.7	76.3	76.5	77.1	77.1	77.1	77.1	77.3
GE 1200	18.0	63.1	66.8	68.9	73.3	74.2	76.2	78.5	79.0	80.0	80.4	81.1	81.2	81.2	81.2	81.4
GE 1000	18.0	63.9	67.6	70.2	74.8	75.9	78.3	81.4	82.0	83.2	83.7	84.3	84.5	84.5	84.5	84.7
GE 900	18.0	64.4	68.2	70.9	75.7	76.7	79.8	82.5	83.3	84.5	84.9	85.7	86.0	86.0	86.0	86.2
GE 800	18.0	64.5	68.3	71.0	75.8	77.1	80.4	83.3	84.3	85.6	86.2	87.0	87.3	87.3	87.3	87.6
GE 700	18.0	64.6	68.5	71.3	76.1	77.4	80.8	83.8	84.8	86.2	86.9	87.6	88.0	88.0	88.0	88.3
GE 600	18.0	64.7	68.7	72.0	77.1	78.4	81.8	85.3	86.6	88.0	89.0	89.8	90.1	90.1	90.1	90.4
GE 500	18.0	64.9	68.9	72.4	77.4	78.7	82.5	87.0	88.7	90.6	91.8	92.6	93.0	93.0	93.0	93.3
GE 400	18.0	65.1	69.1	72.6	77.8	79.1	83.2	88.4	90.5	92.7	94.2	94.9	95.6	95.6	95.6	96.2
GE 300	18.0	65.1	69.1	72.6	77.8	79.4	83.4	89.0	91.3	93.5	95.3	96.0	97.2	97.3	97.4	98.2
GE 200	18.0	65.1	69.1	72.6	77.6	79.4	83.4	89.0	91.3	93.5	95.3	96.1	97.3	97.4	97.5	98.7
GE 100	18.0	65.1	69.1	72.6	77.6	79.5	83.5	89.1	91.4	93.7	95.4	96.2	97.5	97.6	98.0	100.0
GE 0	18.0	65.1	69.1	72.6	77.6	79.5	83.5	89.1	91.4	93.7	95.4	96.2	97.5	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	3.2	20.5	20.6	21.1	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 20000	3.5	23.9	24.1	24.6	24.9	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
GE 18000	3.5	23.9	24.1	24.8	25.1	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 16000	3.5	23.9	24.1	24.8	25.1	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 14000	4.1	24.8	25.1	25.9	26.1	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 12000	4.2	25.7	26.0	26.9	27.1	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 10000	4.7	28.7	29.0	29.9	30.3	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 9000	5.3	29.7	30.0	30.9	31.3	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 8000	5.9	31.5	31.9	32.9	33.3	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 7000	6.0	32.4	32.8	33.8	34.2	34.5	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 6000	6.0	32.8	33.4	34.5	35.2	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 5000	6.1	37.0	38.0	39.1	40.0	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 4500	6.1	38.4	39.6	40.9	41.8	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 4000	6.8	43.1	44.4	45.6	46.8	47.1	47.4	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 3500	7.0	46.1	47.8	49.5	50.4	50.9	51.2	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 3000	7.5	54.3	56.1	58.1	59.6	60.1	60.6	60.9	61.0	61.1	61.5	61.5	61.5	61.5	61.5	61.5
GE 2500	7.5	58.1	60.3	62.9	64.6	65.2	65.7	66.0	66.1	66.2	66.7	66.7	66.7	66.7	66.7	66.7
GE 2000	7.8	61.3	64.0	66.9	68.2	69.4	70.3	71.0	71.1	71.3	71.7	71.7	71.7	71.7	71.7	71.7
GE 1800	7.8	63.0	65.7	68.6	70.5	71.1	72.0	72.9	73.0	73.2	73.7	73.7	73.8	73.8	73.8	73.8
GE 1500	7.8	64.3	67.5	71.0	73.4	74.1	75.1	76.2	76.3	76.7	77.1	77.1	77.3	77.3	77.3	77.3
GE 1200	8.0	65.8	69.6	73.2	76.2	77.0	78.2	79.6	79.7	80.4	81.0	81.0	81.3	81.3	81.4	81.4
GE 1000	8.0	66.6	70.5	74.3	77.6	78.6	80.0	81.8	81.9	83.0	84.2	84.2	84.5	84.5	84.6	84.6
GE 900	8.0	66.9	71.1	74.9	78.6	79.6	81.1	83.0	83.3	84.5	85.9	85.9	86.2	86.2	86.3	86.3
GE 800	8.0	67.4	71.8	75.8	79.8	80.8	82.4	84.7	85.1	86.5	87.8	87.8	88.2	88.2	88.3	88.4
GE 700	8.0	67.4	71.8	75.8	79.9	81.1	83.1	85.5	85.8	87.2	88.6	88.6	89.0	89.0	89.1	89.2
GE 600	8.0	67.7	72.3	76.5	80.6	81.8	83.9	86.3	86.8	88.2	89.8	89.8	90.3	90.3	90.4	90.5
GE 500	8.0	67.7	72.5	77.1	81.5	82.7	85.4	88.3	88.7	90.2	91.8	91.8	92.5	92.6	92.7	92.9
GE 400	8.0	67.7	72.5	77.1	81.5	82.9	86.8	90.2	90.6	93.1	94.8	94.9	95.9	96.0	96.2	96.6
GE 300	8.0	67.7	72.6	77.2	81.9	83.2	87.3	91.2	91.6	94.4	96.7	96.8	98.1	98.3	98.7	99.1
GE 200	8.0	67.7	72.6	77.2	81.9	83.2	87.3	91.3	91.8	94.7	97.0	97.1	98.4	98.8	99.2	99.9
GE 100	8.0	67.7	72.6	77.2	81.9	83.2	87.3	91.3	91.8	94.7	97.0	97.1	98.4	98.8	99.4	100.0
GE 0	8.0	67.7	72.6	77.2	81.9	83.2	87.3	91.3	91.8	94.7	97.0	97.1	98.4	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
	VISIBILITY IN STATUTE MILES															
NO CEIL	3.4	26.6	27.0	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 20000	4.4	29.9	30.4	30.5	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 18000	4.5	30.1	30.6	30.8	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 16000	4.5	30.1	30.6	30.8	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 14000	5.2	30.6	31.3	31.5	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 12000	5.5	31.7	32.4	32.7	33.[illegible]	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 10000	5.7	33.5	34.3	34.7	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 9000	5.8	33.7	34.6	35.1	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 8000	6.1	36.7	37.6	38.2	38.7	38.9	38.9	38.9	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.0
GE 7000	6.1	37.6	38.6	39.1	39.7	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0
GE 6000	6.1	38.4	39.5	40.0	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9
GE 5000	6.3	41.2	42.4	42.9	43.5	43.8	43.8	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9
GE 4500	6.5	42.0	43.3	44.0	44.7	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1
GE 4000	7.2	46.7	48.4	49.5	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3
GE 3500	7.2	49.5	51.3	52.0	53.1	53.4	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7
GE 3000	7.4	56.3	58.0	59.5	61.[illegible]	61.5	61.6	61.7	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0
GE 2500	7.5	60.4	63.0	64.4	66.0	66.6	66.7	67.0	67.0	67.2	67.4	67.5	67.5	67.5	67.5	67.5
GE 2000	6.2	65.7	69.2	70.8	72.[illegible]	73.1	73.3	74.0	74.0	74.3	74.6	74.7	74.7	74.7	74.7	74.7
GE 1800	8.2	66.7	70.3	71.9	73.[illegible]	74.4	74.6	75.3	75.3	75.6	75.9	76.0	76.0	76.0	76.0	76.0
GE 1500	8.4	69.5	73.9	76.2	78.6	79.8	80.0	80.9	81.2	81.5	81.9	82.0	82.0	82.0	82.0	82.0
GE 1400	8.4	70.4	75.5	78.1	80.5	82.2	82.6	83.4	83.8	84.2	84.6	84.7	84.8	84.8	84.8	84.8
GE 1300	8.4	70.6	75.9	78.5	81.1	82.9	83.4	84.3	84.6	85.4	86.3	86.5	86.7	86.7	86.7	86.7
GE 1200	8.4	71.2	76.9	79.6	82.3	84.2	85.2	86.0	86.3	87.2	88.2	88.3	88.5	88.5	88.5	88.5
GE 1000	8.4	71.5	77.4	80.2	83.3	85.4	86.8	87.8	88.[illegible]	89.1	90.1	90.3	90.8	90.8	90.8	90.8
GE 900	8.4	71.5	77.4	80.2	83.8	86.0	87.6	88.6	89.[illegible]	90.1	91.1	91.3	91.7	91.7	91.7	91.7
GE 800	8.4	71.5	77.6	80.3	84.[illegible]	86.2	87.8	89.1	89.8	90.9	91.8	92.0	92.5	92.5	92.5	92.6
GE 700	8.4	71.5	77.5	80.3	84.[illegible]	86.6	88.2	89.7	90.6	91.6	93.9	93.1	93.5	93.5	93.5	93.6
GE 600	8.4	71.5	77.6	80.4	84.7	86.7	88.5	90.4	91.6	93.4	94.6	95.2	95.7	95.8	96.2	96.4
GE 500	8.4	71.5	77.7	80.5	84.4	87.0	88.9	91.4	92.4	94.9	96.7	97.0	97.5	97.6	98.2	98.8
GE 400	8.4	71.5	77.7	80.5	84.4	87.0	88.9	91.4	92.9	95.2	97.0	97.4	98.2	98.4	98.9	99.6
GE 300	8.4	71.5	77.7	80.5	84.4	87.0	88.9	91.4	92.9	95.2	97.1	97.5	98.3	98.5	99.0	99.9
GE 0	8.4	71.5	77.7	80.5	84.4	87.0	88.9	91.4	92.9	95.2	97.1	97.5	98.3	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 938

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(EST): 1800-2000

CEILING FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.2	31.1	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.8	31.8	31.8	31.8
GE 20000	33.3	33.5	34.2	34.3	34.3	34.3	34.6	34.6	34.6	34.6	34.6	34.6	34.8	34.8	34.8	34.8
GE 15000	33.3	33.5	34.2	34.3	34.3	34.3	34.6	34.6	34.6	34.6	34.6	34.6	34.8	34.8	34.8	34.8
GE 10000	33.3	33.5	34.2	34.3	34.3	34.3	34.6	34.6	34.6	34.6	34.6	34.6	34.8	34.8	34.8	34.8
GE 7000	34.0	34.4	35.1	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.7	35.7	35.7	35.7
GE 5000	34.2	34.6	35.3	35.4	35.4	35.4	35.7	35.7	35.7	35.7	35.7	35.7	35.9	35.9	35.9	35.9
GE 3000	36.3	36.1	36.7	37.0	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.6	37.6	37.6	37.6
GE 2500	36.5	36.8	37.5	37.6	37.7	37.7	38.1	38.1	38.1	38.1	38.1	38.1	38.3	38.3	38.3	38.3
GE 2000	36.7	38.3	39.0	39.2	39.4	39.5	39.8	39.8	39.8	39.8	39.8	39.8	40.0	40.0	40.0	40.0
GE 1500	37.8	39.6	40.5	40.8	40.9	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.5	41.5	41.5	41.5
GE 1000	37.8	40.1	40.9	41.1	41.2	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.8	41.8	41.8	41.8
GE 700	37.8	42.5	43.2	43.9	44.1	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.6	44.6	44.6	44.6
GE 500	37.8	43.8	44.6	45.3	45.4	45.5	45.8	45.8	45.8	45.8	45.8	45.8	46.0	46.0	46.0	46.0
GE 400	37.8	48.6	50.4	51.4	51.5	51.6	51.9	51.9	51.9	51.9	51.9	51.9	52.2	52.2	52.2	52.2
GE 300	37.8	50.2	52.4	53.3	53.5	53.6	54.4	54.4	54.4	54.4	54.4	54.4	54.6	54.6	54.6	54.6
GE 200	38.5	57.1	59.5	60.4	60.7	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6
GE 150	38.4	63.1	66.2	67.6	68.0	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6
GE 100	38.8	67.6	71.2	73.0	74.3	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7
GE 70	38.8	69.1	72.8	74.7	76.0	76.6	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6
GE 50	38.9	71.9	75.1	78.0	80.3	81.3	82.4	82.5	82.6	82.8	82.8	82.8	83.0	83.0	83.0	83.0
GE 40	38.9	72.6	76.0	78.9	81.7	82.4	83.7	84.0	84.1	84.3	84.4	84.4	84.6	84.6	84.6	84.6
GE 30	38.9	73.1	79.1	82.7	85.7	86.5	87.7	88.0	88.3	88.6	88.7	88.7	88.9	88.9	88.9	88.9
GE 20	38.9	73.1	79.7	84.1	87.4	88.4	89.3	89.4	89.7	89.8	89.8	89.8	90.0	90.0	90.0	90.0
GE 15	38.9	73.1	79.7	84.1	88.0	89.4	90.3	90.4	90.7	90.8	90.8	90.8	91.0	91.0	91.0	91.0
GE 10	38.9	73.1	79.7	84.1	88.0	89.4	90.3	90.4	90.7	90.8	90.8	90.8	91.0	91.0	91.0	91.0
GE 7	38.9	73.1	79.7	84.1	88.0	89.4	90.3	90.4	90.7	90.8	90.8	90.8	91.0	91.0	91.0	91.0
GE 5	38.9	73.1	79.7	84.1	88.0	89.4	90.3	90.4	90.7	90.8	90.8	90.8	91.0	91.0	91.0	91.0
GE 4	38.9	73.1	79.7	84.1	88.0	89.4	90.3	90.4	90.7	90.8	90.8	90.8	91.0	91.0	91.0	91.0
GE 3	38.9	73.1	79.7	84.1	88.0	89.4	90.3	90.4	90.7	90.8	90.8	90.8	91.0	91.0	91.0	91.0
GE 2	38.9	73.1	79.7	84.1	88.0	89.4	90.3	90.4	90.7	90.8	90.8	90.8	91.0	91.0	91.0	91.0
GE 1	38.9	73.1	79.7	84.1	88.0	89.4	90.3	90.4	90.7	90.8	90.8	90.8	91.0	91.0	91.0	91.0
GE 0	38.9	73.1	79.7	84.1	88.0	89.4	90.3	90.4	90.7	90.8	90.8	90.8	91.0	91.0	91.0	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 2100-2300

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.9	30.1	30.3	30.4	30.[illegible]	30.8	30.8	30.8	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 25000	32.[illegible]	31.8	32.0	32.3	32.7	32.7	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 18000	32.[illegible]	31.6	32.0	32.3	32.7	32.7	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 16000	32.[illegible]	31.6	32.0	32.3	32.7	32.7	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 14000	32.6	32.4	32.6	32.8	33.[illegible]	33.2	33.5	33.5	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 12000	32.7	32.7	32.9	33.1	33.5	33.5	33.9	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 10000	33.9	33.4	33.9	34.1	34.5	34.5	34.8	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 9000	33.9	33.9	34.3	34.5	34.9	34.9	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 8000	34.7	35.5	35.9	36.1	36.6	36.6	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 7000	35.6	36.3	36.9	37.1	37.5	37.5	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 6000	36.6	37.0	37.[illegible]	37.7	38.2	38.2	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 5000	37.6	38.5	39.1	39.4	39.9	40.0	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 4500	40.6	39.8	40.6	41.0	41.5	41.6	42.0	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 4000	47.7	46.2	49.4	50.0	51.[illegible]	51.1	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 3500	47.3	51.1	52.6	53.5	54.5	54.6	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 3000	47.6	56.2	58.5	59.6	61.1	61.3	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 2500	47.[illegible]	59.0	61.2	63.[illegible]	65.1	65.3	65.7	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 2000	49.5	66.3	69.[illegible]	71.9	73.7	74.0	74.6	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 1500	52.5	68.[illegible]	71.0	73.6	75.5	75.8	76.6	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1000	52.7	70.2	74.7	77.7	79.7	80.3	81.6	81.8	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 500	52.7	71.7	76.[illegible]	79.6	81.[illegible]	83.5	84.0	84.5	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 400	52.7	72.4	77.1	80.2	82.[illegible]	83.7	85.4	86.2	86.9	87.2	87.3	87.3	87.3	87.3	87.4	87.4
GE 300	52.7	72.5	77.[illegible]	80.3	82.7	83.8	85.5	86.3	87.0	87.4	87.5	87.7	87.7	87.7	87.8	87.8
GE 200	52.7	72.5	77.9	80.3	82.[illegible]	84.4	86.5	87.4	88.2	89.4	89.8	90.1	90.5	90.5	90.6	90.6
GE 150	52.7	72.6	77.9	80.6	83.7	84.7	86.9	88.1	88.8	90.0	90.4	90.8	91.2	91.3	91.5	91.5
GE 100	52.7	72.7	77.9	80.9	83.[illegible]	85.3	87.4	89.0	89.8	91.1	91.5	91.8	92.3	92.4	92.6	92.6
GE 50	52.7	72.7	77.9	81.[illegible]	84.7	85.7	88.2	90.2	91.0	92.5	93.2	93.5	94.1	94.1	94.3	94.3
GE 40	52.7	72.7	77.9	81.[illegible]	84.7	86.1	88.6	90.9	92.2	93.7	94.5	94.8	95.3	95.4	95.6	95.6
GE 30	52.7	72.7	77.9	81.[illegible]	84.[illegible]	86.2	89.0	92.2	94.1	95.9	97.0	97.3	97.7	97.8	98.1	98.3
GE 20	52.7	72.7	77.9	81.5	84.[illegible]	86.2	89.0	92.2	94.1	95.9	97.1	97.4	97.8	98.0	98.5	98.7
GE 10	52.7	72.7	77.9	81.5	84.[illegible]	86.2	89.0	92.2	94.1	96.1	97.3	97.7	98.2	98.6	99.1	99.7
GE 0	52.7	72.7	77.9	81.5	84.[illegible]	86.2	89.0	92.2	94.1	96.1	97.4	97.8	98.3	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.7	26.2	26.5	26.6	26.7	26.7	26.8	26.8	26.8	26.8	26.9	26.9	26.9	26.9	26.9	27.0
GE 20000	4.8	28.5	28.8	28.9	29.1	29.2	29.3	29.4	29.4	29.4	29.4	29.4	29.5	29.5	29.5	29.6
GE 18000	4.8	28.5	28.9	29.0	29.2	29.3	29.4	29.5	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.7
GE 16000	4.8	28.5	28.9	29.0	29.2	29.3	29.4	29.5	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.7
GE 14000	5.1	29.1	29.4	29.6	29.8	29.9	30.0	30.1	30.1	30.1	30.1	30.2	30.2	30.2	30.2	30.3
GE 12000	5.2	29.6	30.0	30.2	30.4	30.5	30.6	30.7	30.7	30.7	30.8	30.8	30.9	30.8	30.8	30.9
GE 10000	5.4	31.1	31.5	31.7	32.0	32.1	32.2	32.3	32.3	32.4	32.4	32.4	32.5	32.5	32.5	32.6
GE 9000	5.5	31.6	32.1	32.3	32.6	32.7	32.8	33.0	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.2
GE 8000	5.9	33.4	33.9	34.2	34.5	34.7	34.8	34.9	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.2
GE 7000	6.2	34.6	35.2	35.5	35.8	35.9	36.1	36.2	36.3	36.3	36.3	36.4	36.5	36.5	36.5	36.6
GE 6000	6.2	35.5	36.1	36.5	36.9	37.0	37.1	37.3	37.3	37.3	37.4	37.4	37.5	37.5	37.5	37.6
GE 5000	6.3	38.3	39.1	39.5	40.0	40.1	40.3	40.4	40.5	40.5	40.5	40.6	40.7	40.7	40.7	40.8
GE 4500	6.5	39.8	40.6	41.1	41.7	41.6	42.0	42.1	42.2	42.2	42.2	42.3	42.4	42.4	42.4	42.5
GE 4000	7.1	45.8	47.0	47.7	48.5	48.7	48.9	49.1	49.2	49.2	49.3	49.3	49.4	49.4	49.4	49.5
GE 3500	7.4	48.6	50.2	51.0	52.[illegible]	52.2	52.4	52.7	52.7	52.8	52.8	52.9	53.0	53.0	53.0	53.1
GE 3000	7.7	54.6	56.6	57.6	59.1	59.3	59.6	60.0	60.0	60.1	60.3	60.3	60.4	60.4	60.4	60.5
GE 2500	7.8	59.2	61.7	63.1	64.[illegible]	65.1	65.5	65.8	65.9	66.0	66.2	66.3	66.3	66.3	66.3	66.4
GE 2000	8.2	64.3	67.3	69.0	71.1	71.6	72.1	72.8	72.8	73.0	73.2	73.2	73.3	73.3	73.3	73.4
GE 1500	8.2	65.5	68.5	70.3	72.[illegible]	73.0	73.6	74.3	74.3	74.5	74.7	74.8	74.8	74.8	74.8	74.9
GE 1000	8.4	67.9	71.5	73.9	76.7	77.4	78.4	79.4	79.7	80.0	80.2	80.3	80.4	80.4	80.4	80.5
GE 800	8.4	69.2	73.0	75.6	78.[illegible]	79.4	80.7	81.8	82.2	82.6	82.8	83.0	83.1	83.1	83.1	83.2
GE 600	8.4	70.2	74.3	77.0	80.[illegible]	81.3	83.0	84.4	84.9	85.4	85.8	86.0	86.1	86.2	86.2	86.3
GE 500	8.4	70.6	74.8	77.6	81.[illegible]	82.0	83.8	85.3	85.9	86.5	87.0	87.1	87.3	87.4	87.4	87.5
GE 400	8.4	70.9	75.1	78.1	81.7	82.9	84.9	86.7	87.3	88.2	88.8	89.0	89.2	89.3	89.3	89.5
GE 300	8.4	71.0	75.4	78.4	82.[illegible]	83.5	85.6	87.6	88.3	89.2	89.8	90.0	90.3	90.3	90.4	90.6
GE 200	8.4	71.1	75.6	78.8	82.6	83.9	86.2	88.4	89.3	90.2	90.9	91.1	91.4	91.5	91.6	91.8
GE 150	8.4	71.1	75.6	78.8	82.[illegible]	84.3	86.8	89.6	90.6	91.9	92.6	92.8	93.2	93.3	93.4	93.6
GE 100	8.4	71.1	75.7	79.0	83.2	84.6	87.5	90.8	91.9	93.6	94.5	94.7	95.2	95.3	95.5	95.8
GE 50	8.4	71.1	75.9	79.0	83.3	84.6	87.9	91.8	93.3	95.1	96.3	96.5	97.1	97.2	97.5	98.0
GE 30	8.4	71.1	75.9	79.0	83.[illegible]	84.8	88.0	91.9	93.4	95.4	96.6	96.9	97.6	97.8	98.2	98.9
GE 20	8.4	71.1	75.9	79.0	83.3	84.6	88.0	92.0	93.5	95.6	96.9	97.2	97.9	98.3	98.8	99.8
GE 0	8.4	71.1	75.9	79.0	83.3	84.6	88.0	92.0	93.5	95.6	96.9	97.2	98.0	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7443

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	7.6	41.7	43.0	43.7	44.4	44.6	44.7	44.9	44.9	45.0	45.0	45.0	45.1	45.1	45.1	45.2
GE 20000	8.3	45.7	47.2	48.0	48.5	49.0	49.2	49.3	49.4	49.4	49.5	49.5	49.5	49.6	49.6	49.7
GE 18000	8.3	45.8	47.3	48.2	49.1	49.2	49.4	49.5	49.6	49.7	49.7	49.7	49.8	49.8	49.8	49.9
GE 16000	8.3	45.9	47.4	48.3	49.1	49.2	49.5	49.6	49.7	49.7	49.8	49.8	49.9	49.9	49.9	50.0
GE 14000	8.4	46.4	47.9	48.8	49.6	49.7	49.9	50.1	50.2	50.2	50.3	50.3	50.4	50.4	50.4	50.5
GE 12000	8.5	47.4	48.9	49.9	50.7	50.9	51.1	51.2	51.3	51.4	51.4	51.4	51.5	51.5	51.6	51.7
GE 10000	8.9	49.9	51.6	52.6	53.5	53.7	53.9	54.1	54.1	54.2	54.3	54.3	54.4	54.4	54.4	54.5
GE 9000	8.9	50.4	52.2	53.2	54.1	54.3	54.5	54.7	54.8	54.8	54.9	54.9	55.0	55.0	55.1	55.2
GE 8000	9.4	53.2	55.2	56.4	57.4	57.6	57.9	58.1	58.2	58.2	58.3	58.3	58.4	58.4	58.5	58.5
GE 7000	9.5	54.7	56.8	58.1	59.1	59.4	59.7	59.9	60.0	60.0	60.1	60.1	60.2	60.2	60.3	60.4
GE 6000	9.6	55.7	57.9	59.2	60.3	60.5	60.8	61.1	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.5
GE 5000	9.8	57.5	59.9	61.3	62.5	62.7	63.0	63.3	63.4	63.4	63.5	63.5	63.6	63.6	63.7	63.8
GE 4500	9.9	58.7	61.2	62.7	64.0	64.2	64.6	64.9	64.9	65.0	65.1	65.1	65.2	65.2	65.3	65.4
GE 4000	10.4	63.0	65.9	67.5	69.1	69.4	69.8	70.2	70.3	70.4	70.5	70.5	70.6	70.6	70.6	70.7
GE 3500	10.6	65.1	68.1	69.9	71.5	71.9	72.4	72.7	72.8	73.0	73.0	73.1	73.2	73.2	73.2	73.3
GE 3000	11.0	68.9	72.1	74.1	76.0	76.4	77.0	77.4	77.5	77.7	77.8	77.8	77.9	77.9	78.0	78.1
GE 2500	11.2	71.5	75.1	77.3	79.4	79.8	80.5	81.0	81.1	81.3	81.4	81.4	81.5	81.5	81.6	81.7
GE 2000	11.4	73.9	77.8	80.1	82.4	82.9	83.7	84.4	84.5	84.7	84.8	84.8	85.0	85.0	85.0	85.1
GE 1800	11.4	74.5	78.4	80.8	83.2	83.7	84.5	85.2	85.3	85.5	85.6	85.7	85.8	85.8	85.9	86.0
GE 1500	11.5	76.0	80.2	82.6	85.0	86.1	87.1	87.9	88.0	88.3	88.5	88.5	88.6	88.6	88.7	88.8
GE 1200	11.6	76.7	81.1	83.8	86.7	87.3	88.4	89.3	89.5	89.8	90.0	90.0	90.1	90.2	90.2	90.3
GE 1000	11.6	77.2	81.7	84.6	87.7	88.4	89.6	90.6	90.8	91.1	91.4	91.4	91.6	91.6	91.7	91.8
GE 900	11.6	77.4	82.0	85.0	88.2	88.9	90.2	91.2	91.5	91.9	92.2	92.2	92.4	92.4	92.5	92.6
GE 800	11.6	77.6	82.3	85.4	88.7	89.5	90.9	92.1	92.3	92.6	93.1	93.2	93.4	93.4	93.5	93.6
GE 700	11.6	77.8	82.5	85.7	89.1	89.9	91.4	92.7	93.0	93.5	93.8	93.9	94.1	94.2	94.2	94.3
GE 600	11.6	77.8	82.7	85.9	89.4	90.3	91.9	93.3	93.7	94.2	94.6	94.7	94.9	95.0	95.1	95.2
GE 500	11.6	77.9	82.8	86.1	89.5	90.6	92.5	94.2	94.7	95.3	95.7	95.8	96.1	96.2	96.3	96.4
GE 400	11.6	78.0	82.9	86.3	90.1	91.1	93.1	95.0	95.6	96.4	96.9	97.0	97.3	97.4	97.5	97.7
GE 300	11.6	78.0	82.9	86.3	90.2	91.3	93.3	95.4	96.2	97.1	97.8	97.9	98.3	98.4	98.6	98.8
GE 200	11.6	78.0	82.9	86.3	90.2	91.3	93.4	95.6	96.3	97.4	98.1	98.3	98.8	99.0	99.2	99.5
GE 100	11.6	78.0	82.9	86.3	90.2	91.3	93.4	95.6	96.4	97.4	98.2	98.4	98.9	99.1	99.4	99.9
GE 0	11.6	78.0	82.9	86.3	90.2	91.3	93.4	95.6	96.4	97.4	98.2	98.4	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 97642

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 79-87
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	14.5			13.6						20.0	52.3	7.4	927
03-05	13.4			14.3						18.9	53.4	7.5	928
06-08	9.5			18.7						20.5	51.3	7.5	930
09-11	1.2			25.5						24.8	48.5	7.6	930
12-14	.5			23.8						30.4	45.3	8.0	930
15-17	1.2			24.8						29.9	44.1	7.8	930
18-20	5.6			23.3						23.5	47.6	7.6	927
21-23	11.1			16.1						17.5	53.2	7.4	926
TOTALS	7.1			20.3						23.2	49.4	7.6	7428

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 79-87
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	18.7			15.5						16.7	49.[illegible]	6.9	840
03-05	17.7			15.5						15.8	51.[illegible]	7.0	841
06-08	7.8			16.9						21.9	49.4	7.5	840
09-11	3.0			23.5						24.1	49.3	7.8	841
12-14	1.7			23.6						27.8	46.8	7.9	844
15-17	2.1			24.9						27.3	45.6	7.8	845
18-20	5.6			5.4						24.2	44.[illegible]	7.4	842
21-23	15.7			15.5						13.9	50.[illegible]	6.9	841
TOTALS	9.[illegible]			[illegible]						21.5	48.4	7.4	6737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 78-87
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	27.2			15.2						12.7	44.8	6.1	926
03-05	28.1			14.4						12.4	45.2	6.1	919
06-08	10.9			16.2						17.5	45.4	6.9	926
09-11	4.3			26.6						22.7	44.3	7.3	929
12-14	4.2			28.2						24.3	43.3	7.4	930
15-17	3.9			30.9						24.3	41.0	7.2	930
18-20	5.9			30.8						21.3	41.9	7.0	928
21-23	20.8			21.6						13.4	44.2	6.3	925
TOTALS	13.2			19.5						18.6	43.9	6.8	7413

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	26.4			17.1						13.1	43.3	6.0	898
03-05	21.6			21.4						12.6	44.4	6.2	897
06-08	7.1			7.8						23.1	39.2	6.9	899
09-11	7.1			9.5						25.5	38.9	7.0	899
12-14	6.0			15.7						24.4	43.9	7.4	900
15-17	4.6			9.6						26.4	45.0	7.6	900
18-20	3.8			11.[illegible]						21.9	43.1	7.2	900
21-23	16.7			7.[illegible]						16.1	41.6	6.3	899
TOTALS	11.2			13.3						21.4	42.4	6.8	7192

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	26.1			23.9						16.2	33.8	5.6	927
03-05	17.6			30.5						18.9	33.0	5.9	926
06-08	7.5			29.7						29.7	33.1	6.9	925
09-11	6.5			31.6						29.2	32.7	6.8	929
12-14	5.1			27.2						34.8	32.9	7.2	927
15-17	4.2			28.8						33.7	33.3	7.2	929
18-20	5.4			28.6						33.8	32.9	7.2	930
21-23	14.6			31.5						21.7	32.5	6.1	927
TOTALS	10.9			28.9						27.3	33.0	6.6	7420

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	27.6			32.5						15.1	24.9	4.8	869
03-05	16.1			37.0						22.5	24.4	5.6	869
06-08	6.0			39.4						39.2	24.4	6.3	835
09-11	3.5			39.4						31.8	25.3	6.6	898
12-14	.8			31.9						42.0	25.3	7.3	900
15-17	1.1			30.6						37.5	24.7	6.9	898
18-20	2.3			36.4						33.2	21.6	6.4	900
21-23	10.[illegible]			36.7						23.4	22.5	5.5	899
TOTALS	5.6			36.[illegible]						24.1	24.1	6.2	7168

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	26.7			29.8						21.2	22.3	5.0	923
03-05	17.3			39.7						19.9	23.2	5.3	920
06-08	6.3			40.4						30.4	22.9	6.2	918
09-11	4.0			42.3						31.0	22.7	6.3	925
12-14	.8			42.2						35.3	21.6	6.6	930
15-17	1.3			42.3						36.1	20.3	6.6	930
18-20	2.7			43.1						35.9	18.3	6.4	928
21-23	11.7			43.9						24.5	19.8	5.5	929
TOTALS	8.9			40.5						29.3	21.4	6.0	7403

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	26.4			27.1						22.8	23.7	5.2	907
03-05	21.8			32.4						18.9	26.9	5.4	909
06-08	6.3			36.4						31.0	26.3	6.5	912
09-11	3.2			36.9						31.4	27.8	6.7	930
12-14	.5			36.3						35.1	28.1	7.1	929
15-17	1.3			35.8						33.9	25.0	6.7	929
18-20	4.1			39.7						31.4	24.8	6.5	927
21-23	16.6			[illegible]						29.5	24.6	5.4	919
TOTALS	10.1			[illegible]						28.1	25.4	6.2	7353

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	27.2			22.3						14.1	36.5	5.6	894
03-05	26.2			22.3						14.9	36.6	5.7	862
06-08	4.9			34.4						25.4	35.4	6.9	887
09-11	6.1			31.3						23.3	39.3	7.0	891
12-14	3.1			33.6						28.1	35.2	7.1	900
15-17	2.4			32.7						30.3	34.6	7.2	899
18-20	4.1			36.6						26.0	33.3	6.8	897
21-23	21.6			25.2						18.6	34.6	5.9	869
TOTALS	12.0			29.8						22.6	35.7	6.5	7134

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	21.5			20.1						15.8	42.5	6.3	910
03-05	19.9			20.8						17.5	41.8	6.4	919
06-08	8.3			27.2						24.9	39.6	7.0	912
09-11	3.8			25.7						29.7	40.8	7.5	925
12-14	3.2			24.7						35.1	37.0	7.6	929
15-17	3.9			24.4						32.5	39.2	7.6	929
18-20	6.7			29.2						25.2	39.0	7.0	929
21-23	18.7			32.4						18.8	40.2	6.4	926
TOTALS	10.4			24.5						24.9	40.0	7.0	7379

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 77-86
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	13.5			16.0						15.3	55.1	7.4	887
03-05	12.9			17.8						15.8	53.5	7.3	884
06-08	6.5			22.9						17.7	52.9	7.6	887
09-11	2.5			20.4						27.0	50.2	8.1	893
12-14	3.1			20.7						28.0	48.2	8.0	893
15-17	2.9			23.2						26.7	47.2	7.8	898
18-20	6.8			22.0						17.9	53.3	7.6	897
21-23	11.5			15.8						15.5	57.2	7.6	888
TOTALS	7.5			19.9						20.5	52.2	7.7	7127

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 77-86
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	10.0			16.7						15.9	57.4	7.7	929
03-05	9.7			12.7						15.7	61.9	8.0	929
06-08	6.7			14.1						15.8	63.4	8.2	923
09-11	1.2			15.9						26.9	56.0	8.5	929
12-14	.9			16.7						28.7	53.8	8.5	930
15-17	1.0			21.1						24.6	53.3	8.2	930
18-20	5.7			1.0						17.7	55.0	7.7	929
21-23	10.8			16.8						14.0	58.5	7.6	930
TOTALS	5.8			17.6						19.9	57.4	8.1	7429

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-87
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

	HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
JAN	ALL	7.1			20.3						23.2	49.4	7.6	7428
FEB		9.3			20.9						21.5	48.4	7.4	6737
MAR		13.2			24.5						18.6	43.8	6.6	7417
APR		11.9			25.3						20.4	42.4	6.6	7192
MAY		10.9			26.9						27.3	33.0	6.6	7420
JUN		8.6			28.2						29.1	24.1	6.2	7168
JUL		8.9			30.5						29.3	21.4	6.0	7403
AUG		10.1			35.9						28.1	25.9	6.2	7353
SEP		12.0			39.6						22.6	35.7	6.5	7134
OCT		10.8			24.3						24.9	40.0	7.0	7379
NOV		7.5			19.9						20.5	52.2	7.7	7127
DEC		5.8			17.0						19.9	57.4	8.1	7429
	TOTALS	9.7			27.1						23.8	39.5	6.9	87183

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PPPPPPPP        AAAAAA      RRRRRRRR      TTTTTTTTTT        EEEEEEEEEE
PPPPPPPPP      AAAAAAAA     RRRRRRRRR     TTTTTTTTTT        EEEEEEEEEE
PP      PP    AA      AA    RR      RR        TT            EE
PP      PP    AA      AA    RR      RR        TT            EE
PPPPPPPPP     AA      AA    RRRRRRRRR         TT            EEEEEE
PPPPPPPP      AAAAAAAAAA    RRRRRRRR          TT            EEEEEE
PP            AAAAAAAAAA    RR    RR          TT            EE
PP            AA      AA    RR     RR         TT            EE
PP            AA      AA    RR      RR        TT            EEEEEEEEEE
PP            AA      AA    RR       RR       TT            EEEEEEEEEE
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TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERIST INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 43-45, 51-87

TEMPREF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 100						.1	.2						.0
GE 95					.1	1.1	1.3	1.0	.2				.3
GE 90					1.2	5.4	7.5	5.6	1.6				1.8
GE 85				.4	4.4	15.4	23.4	16.1	4.2	.3			5.4
GE 80				2.0	10.1	27.5	45.7	36.9	13.2	.8			11.5
GE 75			.1	4.1	19.4	43.4	69.1	59.1	25.5	4.7			19.0
GE 70			.7	8.5	29.1	62.0	89.6	81.4	43.4	11.8	.4		27.5
GE 65			1.8	14.6	42.0	80.7	97.6	95.7	64.1	23.1	2.0		39.4
GE 60	.1	.1	3.6	21.9	57.2	92.8	99.9	99.3	83.1	35.8	5.4	.3	52.2
GE 55		.2	6.0	31.9	74.0	97.7	100.0	100.0	95.6	59.3	13.2	2.0	68.6
GE 50	.3	.5	10.6	48.2	87.2	99.6			99.3	77.4	26.4	3.7	84.7
GE 45	2.0	3.3	18.6	65.9	96.3	99.7			100.0	91.8	43.1	6.8	88.8
GE 40	5.5	10.6	33.0	84.6	99.7	100.0				97.5	63.4	14.2	97.5
GE 35	19.9	27.6	57.2	95.6	100.0					99.9	82.8	35.1	78.6
GE 30	41.6	51.2	80.5	99.1						100.0	95.7	61.6	85.9
GE 25	60.6	71.2	92.7	99.7							99.0	86.3	92.0
GE 20	77.1	86.0	98.3	100.0							99.6	92.2	96.1
GE 15	90.7	92.7	99.4								100.0	97.8	98.4
GE 10	97.3	97.5	100.0									99.8	99.8
GE 5	99.5	99.6										100.0	99.9
GE 0	99.9	100.0											100.0
GE -5	100.0												100.0
MEAN	26.6	29.0	37.2	50.7	62.9	73.3	78.6	76.7	68.5	57.3	43.5	31.7	53.0
SD	8.915	8.975	9.969	11.798	11.634	9.882	7.378	7.609	9.130	9.632	9.327	8.683	10.748
TOTAL OBS	1209	1100	1209	1135	1172	1140	1209	1209	1163	1198	1140	1176	14052

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 43-45, 51-87

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 75							.1						.0
GE 70						.7	1.8	[illegible]	1.0				.5
GE 65					.3	5.1	16.2	13.[illegible]	4.5	.1			[illegible]
GE 60				.1	2.5	17.1	41.5	38.5	14.1	.5			[illegible]
GE 55			.1	.8	8.0	37.0	66.1	61.7	28.9	4.4			17.7
GE 50			.2	2.2	18.3	63.5	86.3	83.[illegible]	49.[illegible]	14.1	1.8	.1	[illegible]
GE 45			.7	6.6	36.5	82.1	97.9	95.5	68.5	37.4	4.7	.1	[illegible]
GE 40	.2	.2	2.2	18.0	58.6	94.7	99.8	99.6	85.2	66.4	13.5	1.[illegible]	[illegible]
GE 35	1.[illegible]	1.7	6.0	38.4	81.4	99.1	100.0	99.5	95.9	[illegible]	36.7	[illegible]	[illegible]
GE 30	2.5	3.6	14.0	46.6	88.4	99.6		100.0	98.5	77.4	7[illegible]	[illegible]	[illegible]
GE 25	6.2	9.0	24.6	64.4	94.5	100.0			99.8	8[illegible]	52.9	1[illegible]	[illegible]
GE 20	15.6	20.1	44.7	85.5	99.5				100.0	97.6	75.7	5[illegible]	[illegible]
GE 15	28.9	31.7	61.2	95.5	100.0					[illegible]	93.3	[illegible]	[illegible]
GE 10	42.4	47.0	75.0	98.8						1[illegible]	95.2	[illegible]	[illegible]
GE 5	57.7	62.4	86.6	99.6							98.[illegible]	77.[illegible]	[illegible]
GE 0	71.8	76.5	93.3	100.0							99.8	[illegible]	[illegible]
GE -5	83.5	87.1	97.3								100.0	[illegible]	[illegible]
GE -10	92.4	94.4	99.3									[illegible]	[illegible]
GE -15	97.6	97.7	100.0									[illegible]	[illegible]
GE -20	99.7	99.3										[illegible]	[illegible]
GE -25	99.8	99.9										1[illegible]	[illegible]
GE -30	100.0	100.0											[illegible]
MEAN	11.8	13.9	21.7	32.5	42.0	51.9	57.6	56.6	49.[illegible]	39.4	29.9	1[illegible]	35.4
SD	11.639	11.683	10.432	7.977	6.265	7.842	6.493	6.941	8.875	9.569	9.727	11.[illegible]	11.338
TOTAL OBS	1209	1130	1207	1135	1172	1140	1239	120[illegible]	1163	1198	1140	117[illegible]	1[illegible]

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GLOBAL CLIMATOLOGY BRANCH          CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURE
USAFETAC                                        FROM SUMMARY OF DAY DATA
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395        STATION NAME: WURTSMITH AFB MI                PERIOD OF RECORD: [illegible]
..........................................................................................................
     TEMPERATURE   JAN     FEB     MAR     APR     MAY     JUN     JUL     AUG     SEP     OCT     NOV     DEC    ANNUAL
..........................................................................................................
  [illegible]  |                                                [illegible]  .1                                 [illegible]
  [illegible]  |                                        1.[illegible] [illegible] [illegible] 1.[illegible]     [illegible]
  [illegible]  |                                1.[illegible] [illegible] 17.  15.  [illegible]                 [illegible]
  [illegible]  |                         .4  [illegible] [illegible] [illegible] [illegible] 11.[illegible] [illegible]   [illegible]
  [illegible]  |                 .1  1.[illegible] 11.[illegible] 41.[illegible] [illegible] [illegible] [illegible] [illegible]  [illegible]
  [illegible]  |                 .3  [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
  [illegible]  |           1.[illegible] [illegible] 39.1 85.[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
  [illegible]  |   .1       [illegible] [illegible] 59.9 96.[illegible] 100.0 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
  [illegible]  | [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]  100.0 [illegible] [illegible] [illegible] [illegible] [illegible]
  [illegible]  |  1.[illegible] 1.[illegible] [illegible] [illegible] [illegible] 100.0  [illegible] [illegible] [illegible] [illegible] [illegible]
  [illegible]  |  4.7 [illegible] [illegible] [illegible] [illegible]              100.0 [illegible] [illegible] [illegible] [illegible]
  [illegible]  | 16.[illegible] [illegible] [illegible] [illegible] 100.0                 [illegible] [illegible] [illegible] [illegible]
  [illegible]  | [illegible] [illegible] [illegible] [illegible]                           [illegible] [illegible] [illegible] [illegible]
  [illegible]  | [illegible] [illegible] 86.1 [illegible]                                 100.0 [illegible] [illegible] [illegible]
  [illegible]  | [illegible] [illegible] 94.4 100.0                                            [illegible] [illegible] [illegible]
  [illegible]  | [illegible] [illegible] [illegible]                                          100.0 [illegible] [illegible]
  [illegible]  | 92.7 [illegible] [illegible]                                                       [illegible] [illegible]
  [illegible]  | 98.[illegible] [illegible] 100.0                                                   [illegible] [illegible]
  [illegible]  | [illegible] [illegible]                                                      [illegible] [illegible]
  [illegible]  | 100.0 100.0                                                                        [illegible]
..........................................................................................................
     MEAN      | 19.4 [illegible] [illegible] [illegible] 52.7 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
     S.D.      | [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
  TOTAL OBS    | [illegible] [illegible] [illegible] [illegible] 1172 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
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LOCAL CLIMATOLOGY BRANCH
CAPITAL
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WRIGHT-PATT AFB OH PERIOD OF RECORD: 41-45, 51-87

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
47							87	92	89	81	[illegible]	87	
48	[illegible]	[illegible]	[illegible]	[illegible]	91	97	95	97	83	77	[illegible]	[illegible]	97
49	[illegible]	91	77	81	79	[illegible]	91	89	*91	*74			
50													
51	81	*96	[illegible]	79	86	[illegible]	91	85	83	76	[illegible]	[illegible]	91
52	84	84	[illegible]	77	77	96	[illegible]	95	[illegible]	76	69	[illegible]	96
53	89	[illegible]	87	77	87	95	89	94	95	79	67	[illegible]	[illegible]
54	81	84	87	77	81	88	[illegible]	[illegible]	89	74	[illegible]	77	[illegible]
55	38	81	85	76	90	88	93	96	[illegible]	81	55	[illegible]	[illegible]
56	84	[illegible]	87	83	87	94	92	97	82	79	[illegible]	87	[illegible]
57	88	81	86	87	85	89	91	89	85	69	57	[illegible]	[illegible]
58	79	87	88	81	87	87	87	93	84	76	65	77	93
59	84	78	[illegible]	77	88	93	89	91	90	77	54	81	[illegible]
60	37	37	[illegible]	80	77	84	85	85	91	79	59	69	91
61	86	85	87	84	89	91	88	86	91	78	60	[illegible]	91
62	35	[illegible]	85	88	92	88	92	88	83	78	57	[illegible]	[illegible]
63	81	76	76	81	79	91	95	87	81	86	67	84	[illegible]
64	88	56	81	84	91	98	93	85	84	73	79	85	[illegible]
65	83	87	59	71	85	89	89	98	84	79	77	[illegible]	98
66	81	85	89	71	84	95	98	89	87	76	56	54	98
67	88	81	89	75	76	90	96	85	82	65	56	57	[illegible]
68	[illegible]	[illegible]	85	82	80	93	93	93	84	79	71	84	93
69	81	76	81	79	95	88	92	92	84	76	67	81	95
70	[illegible]	84	87	86	96	90	92	91	90	75	58	59	92
71	81	81	89	87	85	99	90	86	89	84	84	51	99
72	81	81	86	77	86	87	96	90	82	71	57	81	96
73	83	84	81	77	79	93	96	98	95	77	59	57	96
74	86	89	82	81	86	88	95	89	84	68	69	81	95
75	79	81	84	*74	*88	90	93	91	75	85	67	59	93
76	77	73	86	86	75	94	92	93	97	77	67	79	94

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 HRS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WOLFSMITH AFB MI PERIOD OF RECORD: [illegible]

WHOLE DEGREES FAHRENHEIT
-MONTHLY-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL PERIOD
77	71	[illegible]	69	83	90	88	101	85	80	[illegible]	67	54	[illegible]
78	35	51	49	58	95	89	96	90	90	76	74	[illegible]	[illegible]
79	37	46	[illegible]	70	89	91	93	88	85	84	58	58	91
80	44	54	58	79	93	93	93	92	85	77	71	64	93
81	35	47	63	71	82	[illegible]	91	85	83	[illegible]	67	54	91
82	39	45	[illegible]	75	86	82	87	83	84	77	[illegible]	59	87
83	42	51	57	[illegible]	74	102	101	99	94	77	[illegible]	74	[illegible]
84	38	51	44	75	85	97	91	93	82	[illegible]	71	[illegible]	[illegible]
85	35	47	54	85	88	89	95	91	86	[illegible]	[illegible]	45	95
86	45	[illegible]	72	81	93	88	97	84	82	77	[illegible]	72	97
87	40	[illegible]	73										
MEAN	41.4	43.9	57.9	76.2	88.9	91.9	91.9	90.1	86.1	76.1	61.7	49.8	[illegible]
S.D.	5.010	5.938	9.055	6.169	5.930	4.991	5.915	4.137	4.842	5.993	5.746	7.557	[illegible]
TOTAL OBS	1209	1109	1209	1135	1176	1140	1209	1209	1165	1148	1140	1174	[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WOMTSMIN APP MI PERIOD OF RECORD: 47-45, 50-87

WHOLE DEGREES FAHRENHEIT
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43							46	45	32	27	17	3	
44	9	-4	7	0	31	41	44	43	34	29	16	-4	-4
45	-11	-5	11	22	27	34	41	44	*37	*27			
46													
51	-22	*-15	1	24	29	37	45	40	30	25		-7	-22
52	-15	1	3	17	32	36	44	44	35	27	9	4	-15
53	1	1	1	22	30	42	47	44	35	31	19	5	1
54	-7	-9	3	4	26	41	44	42	37	23	21	-2	-7
5	-3	-3	-1	26	27	42	46	45	34	27	4	-7	-3
56	1	-5	1	16	26	38	45	43	31	24	7	1	-5
57	-13	5	4	18	28	36	35	44	30	29	16	3	-13
58	-7	-11	16	15	27	39	46	43	39	23	5	-2	-11
59	-13	-20	6	20	27	42	49	48	37	25	1	9	-25
60	1	-3	-9	19	31	40	46	45	35	27	21	-7	-9
61	-9	-1	4	20	27	35	47	43	29	29	15	-2	-9
62	-13	-16	-17	19	28	35	46	40	34	27	19	-15	-19
63	-15	-17	-1	16	25	40	42	44	30	28	14	-11	-17
64	-9	-5	7	16	31	36	46	45	35	19	5	-2	-9
65	-13	-4	-5	8	31	35	43	40	27	24	19	1	-16
66	12	-2	6	21	22	31	46	45	32	18	13	-2	-12
67	-11	-17	-3	17	21	45	43	43	34	27	6	-4	-17
68	-13	-11	5	25	22	39	39	39	40	22	19	-6	-13
69	-9	-2	-2	21	27	33	43	48	34	27	16	4	-9
70	-11	-13	4	18	28	37	50	49	33	30	27	1	-16
71	-8	1	7	14	31	38	42	39	25	32	3	4	-16
72	-12	-9	-4	17	29	32	40	41	33	18	14	-5	-12
73	1	-1	15	14	26	44	47	45	33	25	21	-2	-16
74	-7	-17	-3	19	25	43	46	48	30	18	17	7	-13
75	-7	-3	-2	*17	*34	45	47	48	32	30	18	-3	-7
76	-15	-17	0	21	28	37	48	44	33	29	1	-9	-17

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 28 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 726395 STATION NAME: WOOTSMITH AFB MI PERIOD OF RECORD: 43-45, 50-67

WHOLE DEGREES FAHRENHEIT
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
77	-7	-7	10	19	32	37	45	42	41	24	10	-5	-7
78	4	-7	-5	22	29	40	43	46	37	27	17	6	-7
79	-9	-23	4	15	28	37	49	42	36	28	15	7	-23
80	-1	-5	-6	21	31	36	47	52	35	27	14	-5	-6
81	-10	-11	13	21	27	38	43	41	34	27	15	10	-11
82	-12	-6	-2	15	29	34	47	33	34	26	14	7	-12
83	-1	-1	6	24	32	39	45	46	34	24	14	-1	-1
84	-14	*	-6	22	32	39	45	44	32	28	12	1	-14
85	-7	-13	6	14	32	41	47	47	35	26	16	-16	-16
86	-2	2	-4	24	29	39	36	39	33	26	11	*	-4
87	-2	-3	10										
MEAN	-4.1	-7.2	1.3	18.0	28.1	37.9	44.7	43.8	33.6	25.1	13.5	-1.0	-11.0
S.D.	5.974	6.692	6.593	4.888	2.919	3.642	3.465	3.643	2.920	3.769	5.632	6.450	5.190
TOTAL OBS	1209	1100	1209	1135	1172	1149	1209	1209	1163	1188	1140	1178	14052

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH — DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS — MEANS AND STANDARD DEVIATIONS

USAFETAC

21W WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	18.6	20.5	28.2	36.1	42.7	55.6	62.9	61.4	53.5	44.5	35.6	25.7	41.4
1-02	SD	10.781	10.061	9.995	8.736	9.002	8.331	7.231	7.182	8.718	8.571	8.738	10.378	17.661
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	18.0	19.5	26.9	36.4	47.0	53.8	62.9	59.5	54.0	43.5	34.7	25.3	41.1
2-03	SD	11.021	11.373	10.552	8.573	8.918	8.399	7.639	7.391	8.843	8.761	8.724	10.246	17.388
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	17.4	18.7	26.6	38.0	50.3	57.8	64.3	61.4	54.5	43.5	34.1	25.1	41.2
3-04	SD	11.333	11.734	10.955	8.689	8.868	7.873	6.926	7.153	8.622	8.694	8.611	10.264	18.491
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	19.5	22.0	31.7	44.9	58.2	66.3	73.3	70.4	61.9	49.6	37.4	26.4	46.9
4-11	SD	10.258	10.571	9.913	10.584	10.601	8.578	6.819	6.313	7.686	7.338	8.413	9.411	20.520
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	23.6	26.5	35.1	47.9	61.1	69.2	76.8	74.1	66.1	53.4	41.0	29.6	50.5
12-14	SD	8.573	9.771	9.816	11.462	11.666	9.609	7.303	7.099	8.922	7.675	8.832	8.481	20.525
	TOT OBS	930	846	930	900	929	900	930	930	900	930	900	930	10955
	MEAN	24.6	27.3	35.5	47.6	60.7	69.1	76.7	73.9	65.9	52.9	40.6	29.7	50.0
15-17	SD	8.221	9.234	9.615	11.483	11.544	9.658	7.673	7.329	9.176	7.817	8.746	8.542	20.196
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	21.3	24.6	32.9	44.2	56.8	65.4	72.9	69.7	61.4	48.7	37.5	27.5	47.1
18-20	SD	9.069	9.468	9.180	10.156	10.134	8.803	7.166	6.597	8.394	7.484	8.333	9.510	19.566
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10954
	MEAN	19.4	22.3	30.1	40.1	51.4	59.0	66.4	64.1	57.1	45.9	36.6	26.3	43.3
21-23	SD	10.139	10.400	9.972	8.842	8.898	8.041	6.620	6.694	8.578	8.273	8.625	10.089	18.176
	TOT OBS	930	846	927	900	930	900	930	930	900	930	900	930	10953
	MEAN	20.1	22.7	30.9	42.2	54.3	62.0	69.3	66.8	59.6	47.8	37.1	27.0	45.1
ALL	SD	10.243	10.449	10.471	10.728	11.287	10.405	9.328	8.896	9.802	8.949	8.970	9.791	19.593
HOURS	TOT OBS	7440	6768	7435	7200	7439	7200	7440	7440	7200	7440	7200	7440	87642

GLOBAL CLIMATOLOGY BRANCH — WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS — MEANS AND STANDARD DEVIATIONS

USAFETAC

U.S. WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	17.2	14.9	26.1	34.9	44.6	52.0	59.1	58.3	52.5	41.8	33.1	24.0	36.7
00-02	SD	10.435	10.939	9.745	8.422	6.683	7.779	6.971	7.166	8.490	8.217	8.692	10.197	16.905
	TOT OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955
	MEAN	16.6	18.1	25.1	34.0	43.6	50.9	57.7	56.8	51.4	41.0	32.4	23.7	37.7
03-05	SD	10.778	11.196	10.247	8.341	8.690	7.966	7.360	7.469	8.680	8.404	8.578	10.160	16.770
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	16.2	17.4	24.8	34.9	46.0	53.7	60.0	58.3	51.9	41.1	32.1	23.0	38.4
06-08	SD	11.084	11.556	10.650	8.330	8.280	7.338	6.554	7.127	8.544	8.420	8.565	10.186	17.566
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	18.6	20.3	28.8	39.2	50.3	56.0	64.6	63.3	56.5	46.3	34.6	25.1	42.1
09-11	SD	10.083	10.407	9.273	8.878	8.497	7.166	5.776	5.891	7.414	7.128	8.218	9.367	16.034
	TOT OBS	930	846	929	899	930	900	930	930	900	930	900	930	10953
	MEAN	21.3	23.8	31.0	40.9	51.8	59.4	65.9	64.7	58.4	47.2	36.7	27.1	44.1
12-14	SD	8.494	9.023	8.849	8.907	8.870	7.331	5.923	6.201	7.751	7.215	8.267	8.532	17.298
	TOT OBS	930	846	930	899	929	900	929	930	900	930	900	928	10949
	MEAN	21.4	24.3	31.3	40.6	51.4	59.0	65.6	64.6	58.3	46.9	36.5	27.1	44.0
15-17	SD	8.143	8.918	8.544	8.732	8.637	7.249	6.029	6.171	7.693	7.070	8.264	8.683	17.196
	TOT OBS	930	846	930	900	929	900	930	930	900	930	900	930	10955
	MEAN	19.3	22.3	29.6	38.6	49.4	57.2	64.1	62.8	56.1	44.6	34.5	25.4	42.1
18-20	SD	9.998	9.418	8.618	8.477	8.197	7.690	5.864	6.033	7.645	7.257	8.257	9.527	17.283
	TOT OBS	930	846	928	900	930	900	930	930	900	930	900	930	10954
	MEAN	17.7	20.5	27.2	36.2	46.6	54.2	61.3	60.2	53.6	42.7	33.4	24.5	40.0
21-23	SD	9.881	10.354	9.172	8.259	8.256	7.298	6.197	6.743	8.192	7.891	8.539	9.939	17.051
	TOT OBS	930	846	927	900	930	900	930	930	900	930	900	930	10953
	MEAN	18.5	20.7	28.1	37.4	48.0	55.5	62.3	61.1	54.8	43.8	34.2	25.1	40.9
ALL	SD	9.965	10.571	9.704	8.911	8.995	8.016	7.608	7.239	8.490	8.073	8.576	9.674	17.441
	TOT OBS	7440	6767	7434	7198	7436	7200	7437	7437	7200	7440	7200	7435	87631

GLOBAL CLIMATOLOGY BRANCH — DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS — MEANS AND STANDARD DEVIATIONS

CZEETAC

AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	11.2	13.0	20.9	29.5	40.2	48.9	56.4	56.6	49.6	36.5	28.7	19.1	34.5
01-02	SD	12.992	13.697	12.064	10.551	10.318	8.535	7.818	7.946	9.212	9.079	10.395	12.415	18.627
	TOT OBS	930	846	930	900	930	900	930	929	900	931	900	930	10955
	MEAN	10.7	12.3	20.2	29.0	39.5	48.0	55.3	54.6	49.0	37.4	28.2	18.5	33.8
02-03	SD	13.402	13.942	12.448	10.400	10.158	8.657	8.055	8.177	9.326	9.213	10.192	12.334	18.729
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	10.4	11.7	20.0	29.9	41.3	50.3	57.0	56.1	49.5	38.1	26.1	18.9	34.4
03-04	SD	13.689	14.383	12.832	10.274	9.622	8.228	7.326	7.640	9.288	9.394	10.201	12.438	19.334
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	11.9	14.2	22.6	31.0	42.5	51.7	59.1	58.6	52.1	40.6	30.0	20.1	37.3
09-11	SD	12.790	13.211	11.515	11.259	10.710	8.742	7.435	7.540	8.852	8.764	9.977	11.761	19.253
	TOT OBS	930	846	929	899	930	900	930	930	900	930	900	930	10953
	MEAN	13.6	16.1	23.2	31.6	42.9	52.1	59.1	56.8	52.5	40.6	32.3	20.9	36.9
11-14	SD	11.596	12.208	11.453	11.219	11.094	8.889	7.994	8.160	9.571	9.249	10.276	11.598	18.837
	TOT OBS	930	846	930	899	929	900	927	930	900	930	900	928	10949
	MEAN	13.4	16.2	23.2	31.2	42.4	51.5	58.7	58.7	52.5	40.5	30.1	20.7	36.7
14-17	SD	11.583	12.389	11.394	10.972	10.925	8.752	8.191	8.173	9.233	9.065	10.495	11.955	18.800
	TOT OBS	930	846	930	900	929	900	930	930	900	930	900	930	10945
	MEAN	12.[illegible]	15.2	22.7	30.7	41.4	50.8	58.4	58.2	51.9	39.8	29.4	19.8	36.0
17-20	SD	12.150	12.879	11.545	10.821	10.574	8.688	7.740	7.904	8.880	8.861	10.346	12.316	18.944
	TOT OBS	930	846	928	900	930	900	930	930	900	930	900	930	10954
	MEAN	11.2	14.1	22.0	30.2	41.4	50.2	57.9	57.3	50.7	38.9	28.8	19.4	35.3
20-23	SD	12.978	13.503	11.725	10.684	9.975	8.326	7.313	7.835	8.943	8.924	10.331	12.306	18.941
	TOT OBS	930	846	927	900	930	900	930	930	900	931	900	930	10953
	MEAN	11.8	14.1	21.4	30.4	41.5	50.4	57.7	57.3	51.0	39.4	29.2	19.7	35.5
ALL	SD	12.666	13.360	11.934	10.792	10.506	8.702	7.845	8.071	9.256	9.119	10.299	12.173	18.995
HOURS	TOT OBS	7440	6767	7434	7198	7438	7200	7437	7439	7200	7440	7200	7438	87631

GLOBAL CLIMATOLOGY BRANCH — CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE — RELATIVE HUMIDITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 78-87
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
JAN	00-02	100.0	100.0	100.0	99.4	95.9	80.6	57.6	28.4	11.1	73.0	930
	03-05	100.0	100.0	100.0	99.0	96.3	82.4	58.2	31.2	10.4	73.5	930
	06-08	100.0	100.0	100.0	99.2	97.3	82.7	59.5	31.4	11.6	74.0	930
	09-11	100.0	100.0	100.0	99.1	95.6	81.6	56.6	26.3	9.5	72.6	930
	12-14	100.0	100.0	100.0	98.1	87.1	65.6	37.8	16.2	5.1	66.7	930
	15-17	100.0	100.0	100.0	98.2	80.3	60.2	36.1	15.7	5.2	64.8	930
	18-20	100.0	100.0	100.0	98.[illegible]	88.6	69.8	44.4	21.0	7.4	68.6	930
	21-23	100.0	100.0	100.0	99.1	92.8	77.2	50.0	23.9	7.5	70.9	930
	TOTAL	100.0	100.0	100.0	98.5	91.7	75.0	50.0	24.4	8.5	70.5	7440

GLOBAL CLIMATOLOGY BRANCH — CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE — RELATIVE HUMIDITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 78-87
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
FEB	00-02	100.0	100.0	100.0	99.5	93.4	80.9	54.7	33.3	14.8	73.3	848
	03-05	100.0	100.0	100.0	99.8	93.4	83.1	56.0	34.9	15.8	74.2	848
	06-08	100.0	100.0	100.0	99.6	93.7	82.9	59.5	36.1	16.7	74.7	848
	09-11	100.0	100.0	99.9	98.7	93.0	79.5	54.1	31.1	12.7	72.6	849
	12-14	100.0	100.0	99.7	96.5	79.9	62.2	38.8	20.6	6.7	66.9	848
	15-17	100.0	100.0	98.9	90.7	77.6	57.9	37.2	20.2	5.1	64.5	848
	18-20	100.0	100.0	99.4	95.5	85.8	67.7	46.3	27.2	10.9	68.7	848
	21-23	100.0	100.0	100.0	97.9	90.4	76.2	50.1	30.5	13.6	71.7	848
	TOTALS	100.0	100.0	99.7	97.3	88.3	73.8	49.8	29.2	12.0	70.7	6763

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 79-87
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
MAR	00-02	100.0	100.0	100.0	99.5	95.6	85.1	60.9	38.2	12.5	74.8	930
	03-05	100.0	100.0	100.0	100.0	97.5	86.7	65.9	42.0	16.1	76.2	930
	06-08	100.0	100.0	100.0	100.0	97.4	88.0	65.3	42.6	15.4	76.4	930
	09-11	100.0	100.0	99.9	96.4	90.7	72.1	47.8	27.4	8.4	70.1	929
	12-14	100.0	100.0	96.7	93.9	74.3	55.4	35.4	18.0	6.1	63.7	930
	15-17	100.0	100.0	98.1	88.7	73.2	54.0	34.7	19.5	5.4	62.8	930
	18-20	100.0	100.0	99.7	93.9	83.3	68.2	45.9	26.2	7.2	67.8	928
	21-23	100.0	100.0	100.0	98.7	90.7	78.4	58.8	34.0	10.8	72.6	927
	TOTALS	100.0	100.0	99.8	96.6	87.8	73.5	51.8	31.0	10.2	70.6	7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 726395 STATION NAME: WUPTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
APR	00-02	100.0	100.0	100.0	98.6	91.0	76.1	55.2	30.7	12.3	72.1	900
	03-05	100.0	100.0	100.0	99.8	95.7	80.2	58.2	35.3	14.3	74.2	900
	06-08	100.0	100.0	100.0	99.1	94.2	79.1	57.1	33.6	14.2	73.4	900
	09-11	100.0	99.9	95.6	86.2	67.7	45.8	30.0	19.1	9.2	61.0	899
	12-14	100.0	98.4	91.0	77.0	58.3	38.4	24.1	16.2	7.7	56.9	899
	15-17	100.0	95.7	88.8	77.0	56.2	38.0	26.7	16.3	7.9	56.8	900
	18-20	100.0	99.5	94.2	86.1	69.1	51.4	34.4	21.1	10.0	62.2	900
	21-23	100.0	100.0	99.6	96.0	85.7	68.0	45.8	28.7	12.4	69.3	900
	TOTALS	100.0	99.6	96.2	90.0	77.5	59.6	41.4	25.1	11.0	65.7	7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
MAY	00-02	100.0	100.0	100.0	98.8	93.7	81.3	59.9	33.4	11.3	73.7	930
	03-05	100.0	100.0	100.0	99.6	96.0	85.2	66.5	39.5	13.0	75.9	930
	06-08	100.0	100.0	99.6	98.7	91.2	77.1	56.3	34.1	11.7	72.6	930
	09-11	100.0	99.4	95.1	81.7	62.6	43.5	29.6	17.1	5.7	59.0	930
	12-14	100.0	98.7	89.9	70.1	52.9	35.8	23.7	13.1	4.2	54.7	929
	15-17	100.0	99.4	89.1	69.1	52.0	36.4	24.0	12.4	4.0	54.4	929
	18-20	100.0	99.9	95.3	81.6	64.9	48.3	32.3	17.2	7.6	60.4	930
	21-23	100.0	100.0	100.0	97.4	89.2	71.7	49.9	24.9	9.6	70.1	930
	TOTALS	100.0	99.7	96.2	87.1	75.3	59.9	42.8	24.0	8.4	65.1	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
JUN	00-02	100.0	100.0	100.0	100.0	99.1	90.8	75.6	48.7	14.3	78.6	900
	03-05	100.0	100.0	100.0	100.0	99.4	94.9	82.7	56.3	19.0	81.1	900
	06-08	100.0	100.0	100.0	100.0	98.7	86.4	67.6	41.3	14.0	76.8	900
	09-11	100.0	100.0	99.6	94.2	73.2	47.0	27.8	14.2	3.9	61.6	900
	12-14	100.0	100.0	97.9	83.4	59.7	36.0	18.3	9.6	2.7	56.5	900
	15-17	100.0	100.0	97.2	80.7	57.7	35.3	17.7	8.9	2.7	55.8	900
	18-20	100.0	100.0	98.9	90.4	70.9	49.8	28.0	13.2	3.4	61.2	900
	21-23	100.0	100.0	100.0	99.4	95.7	82.3	62.2	31.2	8.0	73.7	900
	TOTALS	100.0	100.0	99.2	93.5	81.8	65.3	47.5	27.9	8.5	68.2	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-03	100.0	100.0	100.0	99.4	99.1	95.2	81.7	48.5	13.0	79.7	930
	03-06	100.0	100.0	100.0	99.8	99.6	97.4	90.0	54.6	14.6	81.9	930
	06-09	100.0	100.0	100.0	99.9	99.1	92.7	74.9	41.4	11.7	77.9	930
	09-11	100.0	100.0	99.7	95.2	79.8	51.3	26.6	11.6	4.0	62.4	930
	12-14	100.0	100.0	97.7	84.8	60.2	35.5	17.2	6.9	2.0	56.1	927
	15-17	100.0	100.0	97.1	82.4	58.3	35.4	18.6	9.4	2.2	55.9	930
	18-20	100.0	100.0	99.6	91.4	74.8	50.5	30.6	14.6	4.4	62.1	930
	21-23	100.0	100.0	100.0	99.8	96.7	86.3	63.7	32.6	9.6	74.7	930
	TOTALS	100.0	100.0	99.7	94.2	83.5	68.0	50.4	27.5	7.7	68.8	7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.4	88.9	56.8	20.3	82.6	928
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	93.7	65.8	26.7	84.7	930
	06-08	100.0	100.0	100.0	100.0	99.9	98.9	89.6	59.8	21.8	82.9	930
	09-11	100.0	100.0	99.9	98.6	88.2	66.6	39.8	20.3	4.5	67.3	930
	12-14	100.0	100.0	99.7	91.4	72.4	48.8	23.0	9.6	1.8	63.3	930
	15-17	100.0	100.0	98.9	91.3	70.8	49.0	26.8	12.3	2.4	63.8	930
	18-20	100.0	100.0	99.7	96.6	86.8	68.5	44.3	24.1	5.8	68.3	930
	21-23	100.0	100.0	100.0	100.0	99.0	95.4	77.3	45.3	15.1	79.0	930
	TOTALS	100.0	100.0	99.8	97.5	89.6	78.3	60.4	36.8	12.3	73.2	7439

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-80
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
SEP	00-02	100.0	100.0	100.0	100.0	99.7	97.9	88.8	53.9	14.4	81.3	900
	03-05	100.0	100.0	100.0	100.0	99.9	98.4	93.7	63.8	16.0	83.3	900
	06-08	100.0	100.0	100.0	100.0	99.8	98.6	92.2	63.3	19.8	83.4	900
	09-11	100.0	100.0	100.0	99.4	93.3	75.3	53.0	27.2	8.4	71.5	900
	12-14	100.0	100.0	99.9	93.9	76.7	51.2	32.0	16.7	5.1	63.3	900
	15-17	100.0	100.0	99.8	93.6	77.9	53.4	33.2	18.7	4.4	63.8	900
	18-20	100.0	100.0	100.0	98.4	93.2	79.1	55.4	29.3	6.8	72.1	900
	21-23	100.0	100.0	100.0	100.0	99.1	95.0	81.7	49.1	11.0	79.5	900
	TOTALS	100.0	100.0	100.0	98.3	92.5	81.1	66.3	40.3	10.7	74.8	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	99.6	95.3	78.2	52.3	16.9	79.9	930
	03-05	100.0	100.0	100.0	99.8	99.2	96.6	83.0	55.6	20.0	81.1	930
	06-08	100.0	100.0	100.0	99.9	99.6	96.0	85.3	59.7	20.0	81.7	930
	09-11	100.0	100.0	100.0	99.7	95.1	77.5	54.1	28.9	9.5	72.2	930
	12-14	100.0	100.0	99.2	95.2	77.5	53.5	31.4	14.5	3.7	63.1	930
	15-17	100.0	100.0	99.1	99.7	79.8	57.1	35.8	14.7	4.8	64.2	930
	18-20	100.0	100.0	99.9	99.7	93.5	79.4	54.7	30.5	8.7	72.3	930
	21-23	100.0	100.0	100.0	100.0	98.9	89.8	68.9	42.9	12.0	77.1	930
	TOTALS	100.0	100.0	99.8	98.5	92.9	80.7	61.4	37.4	12.0	74.0	7440

GLOBAL CLIMATOLOGY BRANCH — CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE — RELATIVE HUMIDITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI — PERIOD OF RECORD: 77-86
MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
NOV	00-02	100.0	100.0	100.0	100.0	99.0	90.3	65.7	38.4	15.4	76.7	900
	03-05	100.0	100.0	100.0	99.9	98.6	91.7	70.7	43.3	17.4	77.8	900
	06-08	100.0	100.0	100.0	100.0	99.2	92.6	74.2	47.2	19.7	78.9	900
	09-11	100.0	100.0	100.0	100.0	97.9	85.7	59.4	37.7	15.7	75.3	900
	12-14	100.0	100.0	100.0	98.1	86.8	59.0	37.2	23.2	9.3	67.0	900
	15-17	100.0	100.0	99.9	97.1	85.6	63.2	38.6	23.8	10.0	67.5	900
	18-20	100.0	100.0	100.0	99.3	95.4	80.9	53.9	31.6	13.3	73.3	900
	21-23	100.0	100.0	100.0	99.8	98.0	88.7	62.6	35.8	14.4	75.7	900
	TOTALS	100.0	100.0	100.0	99.7	94.9	81.5	57.3	35.2	14.4	74.0	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-86
MONTH: DEC

MONTH	HOURS (EST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
DEC	00-02	100.0	100.0	100.0	100.0	98.2	86.8	66.0	38.0	16.3	76.3	930
	03-05	100.0	100.0	100.0	100.0	98.3	87.2	67.1	40.8	15.6	76.9	930
	06-08	100.0	100.0	100.0	100.0	98.0	89.9	71.3	41.7	18.4	77.5	930
	09-11	100.0	100.0	100.0	100.0	96.5	85.6	64.7	40.2	18.0	76.1	930
	12-14	100.0	100.0	100.0	97.7	88.9	73.6	50.9	32.5	11.9	71.2	928
	15-17	100.0	100.0	100.0	97.1	87.4	71.3	49.2	29.5	12.6	70.3	930
	18-20	100.0	100.0	99.5	99.1	94.0	81.3	55.3	34.0	14.5	73.5	930
	21-23	100.0	100.0	100.0	99.4	98.4	86.3	63.2	36.7	16.7	75.7	930
	TOTALS	100.0	100.0	100.0	99.2	95.0	82.6	60.8	36.7	15.5	74.7	7438

NATIONAL CLIMATOLOGY BRANCH — CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE — RELATIVE HUMIDITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI PERIOD OF RECORD: 77-87
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
JAN	ALL	100.0	100.0	100.0	98.5	91.7	75.0	50.0	24.4	8.5	70.5	7440
FEB		100.0	100.0	99.8	97.2	88.3	73.8	49.8	29.2	12.0	70.7	6767
MAR		100.0	100.0	99.5	96.8	87.8	73.5	51.8	31.0	10.2	70.6	7434
APR		100.0	99.6	96.2	90.0	77.5	59.6	41.4	25.1	11.0	65.7	7198
MAY		100.0	99.7	96.2	87.1	75.3	59.9	42.8	24.0	8.4	65.1	7438
JUN		100.0	100.0	99.2	93.5	81.8	65.3	47.5	27.9	8.8	68.2	7200
JUL		100.0	100.0	99.3	94.3	83.5	68.0	50.4	27.5	7.7	68.8	7437
AUG		100.0	100.0	99.8	97.3	89.6	78.3	60.4	36.8	12.3	73.2	7439
SEP		100.0	100.0	100.0	99.5	92.5	81.1	66.3	40.3	10.7	74.8	7200
OCT		100.0	100.0	99.8	98.5	92.9	80.7	61.4	37.4	12.0	74.0	7440
NOV		100.0	100.0	100.0	99.3	94.9	81.5	57.8	35.2	14.4	74.0	7200
DEC		100.0	100.0	100.0	99.7	95.0	82.6	60.8	36.7	15.5	74.7	7438
	TOTALS	100.0	99.9	99.1	95.9	87.6	73.3	53.4	31.3	10.9	70.9	87631

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PPPPPPPP        AAAAAA      RRRRRRRR      TTTTTTTTTT      FFFFFFFFFF
PPPPPPPPP      AAAAAAAA     RRRRRRRRR     TTTTTTTTTT      FFFFFFFFFF
PP      PP    AA      AA    RR      RR        TT          FF
PP      PP    AA      AA    RR      RR        TT          FF
PPPPPPPPP     AA      AA    RRRRRRRRR         TT          FFFFFF
PPPPPPPP      AAAAAAAAAA    RRRRRRRR          TT          FFFFFF
PP            AAAAAAAAAA    RR    RR          TT          FF
PP            AA      AA    RR     RR         TT          FF
PP            AA      AA    RR      RR        TT          FF
PP            AA      AA    RR       RR       TT          FF
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PRESSURE SUMMARIES

STATION PRSSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

AD-A183 304 WURTSMITH AFB MICHIGAN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 12 JUN 87 4/4

UNCLASSIFIED USAFETAC/DS-87/043 F/G 4/2 NL

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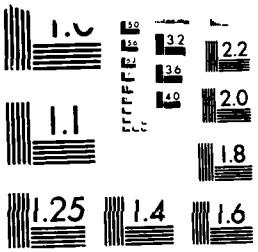

MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	29.297	29.365	29.297	29.261	29.267	29.253	29.287	29.320	29.339	29.342	29.332	29.299	29.304
01	SD	.291	.261	.268	.255	.178	.165	.136	.135	.175	.236	.251	.279	.228
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	29.286	29.361	29.287	29.252	29.261	29.250	29.282	29.314	29.335	29.338	29.330	29.302	29.300
04	SD	.298	.265	.273	.261	.185	.174	.141	.140	.181	.243	.250	.276	.232
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	29.290	29.371	29.303	29.268	29.284	29.270	29.301	29.333	29.353	29.349	29.339	29.307	29.314
07	SD	.303	.268	.276	.271	.193	.179	.144	.145	.196	.250	.252	.275	.236
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	29.312	29.398	29.315	29.275	29.286	29.276	29.306	29.339	29.360	29.361	29.351	29.321	29.324
10	SD	.308	.267	.281	.274	.200	.181	.147	.146	.190	.256	.258	.276	.240
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	29.281	29.368	29.299	29.261	29.271	29.264	29.296	29.327	29.341	29.339	29.321	29.292	29.305
13	SD	.305	.265	.278	.262	.201	.176	.141	.143	.188	.252	.261	.277	.237
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	29.273	29.346	29.275	29.244	29.250	29.247	29.274	29.308	29.317	29.326	29.309	29.286	29.287
16	SD	.294	.261	.269	.249	.192	.169	.137	.139	.184	.242	.259	.276	.230
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	29.298	29.364	29.290	29.250	29.251	29.243	29.268	29.305	29.323	29.344	29.328	29.306	29.297
19	SD	.285	.256	.261	.239	.180	.160	.130	.131	.176	.231	.253	.279	.225
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
	MEAN	29.301	29.368	29.302	29.268	29.269	29.262	29.285	29.324	29.339	29.352	29.330	29.306	29.306
22	SD	.284	.259	.264	.241	.176	.159	.128	.130	.175	.231	.254	.283	.224
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
	MEAN	29.291	29.366	29.296	29.260	29.267	29.258	29.288	29.321	29.338	29.344	29.330	29.302	29.305
ALL	SD	.296	.263	.271	.257	.189	.171	.139	.139	.182	.243	.255	.278	.232
HOURS	TOT OBS	2480	2256	2478	2400	2480	2400	2480	2480	2400	2480	2400	2480	29214

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	1016.3	1019.0	1016.4	1014.7	1014.6	1013.9	1014.9	1016.1	1017.0	1017.4	1017.3	1016.6	1016.2
01	SD	10.245	9.276	9.511	8.885	6.289	5.886	4.819	4.735	6.199	8.275	8.866	9.844	6.070
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1016.3	1018.9	1016.0	1014.4	1014.4	1013.9	1014.8	1015.9	1016.8	1017.2	1017.3	1016.7	1016.0
04	SD	10.496	9.412	9.669	9.169	6.558	6.128	4.986	4.913	6.407	8.519	8.776	9.711	8.218
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1016.5	1019.2	1016.6	1015.1	1015.2	1014.5	1015.4	1016.6	1017.5	1017.7	1017.6	1016.9	1016.6
07	SD	10.711	9.527	9.775	9.447	6.762	6.297	5.081	5.068	6.597	8.772	8.880	9.688	8.348
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1017.3	1019.9	1017.1	1015.3	1015.3	1014.7	1015.6	1016.8	1017.7	1018.1	1018.1	1017.4	1016.9
10	SD	10.898	9.450	9.911	9.562	7.033	6.341	5.166	5.125	6.716	8.981	9.080	9.777	8.488
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1016.2	1019.1	1016.5	1014.8	1014.7	1014.3	1015.2	1016.3	1017.0	1017.3	1017.0	1016.3	1016.2
13	SD	10.776	9.381	9.820	9.156	7.056	6.211	4.976	5.016	6.645	8.814	9.174	9.736	8.364
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1015.9	1018.4	1015.6	1014.2	1014.1	1013.7	1014.5	1015.7	1016.2	1016.8	1016.6	1016.1	1015.6
16	SD	10.360	9.215	9.497	8.707	6.764	5.973	4.838	4.872	6.497	8.456	9.077	9.716	8.133
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1016.8	1019.1	1016.2	1014.4	1014.1	1013.6	1014.3	1015.6	1016.5	1017.5	1017.3	1016.9	1016.0
19	SD	10.074	9.088	9.242	8.393	6.355	5.656	4.598	4.607	6.246	8.109	8.935	9.860	7.972
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
	MEAN	1016.9	1019.2	1016.6	1015.0	1014.7	1014.2	1014.9	1016.3	1017.0	1017.8	1017.4	1016.9	1016.4
22	SD	10.017	9.201	9.328	8.390	6.261	5.606	4.489	4.556	6.175	8.091	8.975	9.986	7.943
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
	MEAN	1016.5	1019.1	1016.4	1014.7	1014.6	1014.1	1014.9	1016.2	1017.0	1017.5	1017.3	1016.7	1016.2
ALL	SD	10.445	9.314	9.592	8.967	6.646	6.021	4.886	4.874	6.445	8.503	8.967	9.783	8.201
HOURS	TOT OBS	2480	2256	2478	2400	2480	2400	2480	2480	2400	2480	2400	2480	29214

END

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